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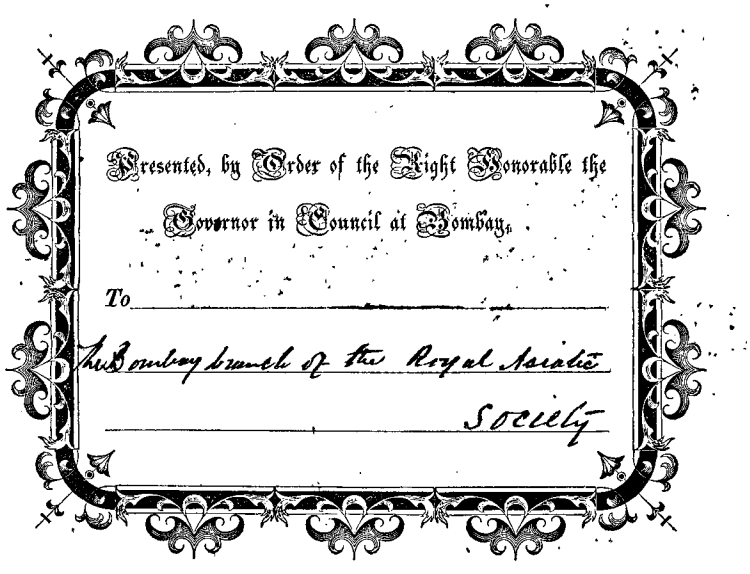
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MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

MADE AT THE

GOVERNMENT OBSERVATORY,

BOMBAY.

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1864.

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MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

MADE AT THE

GOVERNMENT OBSERVATORY, BOMBAY,

IN THE YEAR 1864,

UNDER THE SUPERINTENDENCE OF

LIEUTENANT W. L. SEARLE, H.M.I.N., F.R.A.S.,

WITH AN INTRODUCTION BY

CHARLES CHAMBERS, Esq.

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ERRATA.

Introduction, page vii, line 18, after "page" *insert* "iv."
„ note at foot of page x, line 2, for "letter" *read* "latter."
„ „ line 6, for "Scale-reading" *read* "Scale-readings."
„ page xxxiii, line 8, for "xxvii" *read* "iii."
„ „ for "table" *read* "tables."
Part III, page 14, heading of Table XIII., after "Excess of the Mean" *insert* "Hourly."
„ „ 18, „ „ XVIII., „ „ „

PREFACE.

On taking charge of the Bombay Observatory in September 1865, I found that the whole of the hourly observations which form the bulk of this volume were already in the press, and of much the greater portion of them the usual number of copies had been printed; and although it does not appear advisable to continue the publication *in extenso* of the hourly observations (especially the Meteorological) of which upwards of 20 years have already been so printed, yet for the reason just mentioned it was thought right to complete the present volume, particularly as an improvement had been introduced in the form of registration of Magnetical Observations, whereby the reader who may wish to do so, will have the opportunity of drawing his own independent conclusions as to their significance;—this improvement consists in the publication of the Scale-readings, *without any correction*, and temperatures of the two Force Instruments, instead of the Scale-readings *corrected for temperature*, and the calculated values of absolute Horizontal and Vertical Intensity and Dip. The values of Declination are given reduced as hitherto, but no inconvenience need arise on this account, as the published numbers may be operated upon precisely as if they were scale-readings and *the results* be easily re-converted by a simple inverse operation to that indicated by the formula of reduction.

In the incidental allusions that are made, solely for the information of the reader, to defective instruments and faulty processes of treatment of observations, I would carefully disclaim the intention of throwing blame upon any of the officers who have held charge of the Observatory, for I am persuaded that, being placed at great disadvantage in bearing the responsibility of the direction of the Observatory as an attachment merely to some other office demanding their attention primarily, they have acted most wisely in maintaining generally a strict adherence to the methods of observation and adjustment of instruments, introduced with great ability and under very adverse circumstances by the first of their number—the late Professor Orlebar;—had the Observatory been placed in less judicious hands, a different course of needless or capricious interference with the routine well devised for the special purposes of the Observatory might have sadly marred the promise of extended magnetical knowledge which there is now good reason to believe the Bombay Observations are capable, under a right treatment, of affording. In carrying out their purposes they appear to have been zealously aided by successive European and Native Assistants, to whose abilities frequent testimony is borne, and I may here state my impression that considerable respect is due to the intelligence displayed by the Brahmin Assistants, on whom latterly has devolved, in great part, the task of preparing the observations for publication, and who, so far as their experience could guide them, have performed well both the observing and other duties entrusted to them.

Intending to prepare, as rapidly as the computing force at present available will allow, a resumé of the results of the whole series of observations made at the Bombay Observatory during the last twenty years, it has not appeared to me necessary to go into minute detail in the descriptions of the instruments and other particulars connected with the

observations in the present volume, excepting as regards points on which information is not to be found in former volumes of the Bombay Observations, because it will be requisite that a notice of every point materially bearing on the quality or trustworthiness of the observations should accompany the work mentioned, and the present publication would be still further delayed by adopting a different course. Partly for the same reason I have avoided any discussion of the scientific import of the observations, but also because it seems preferable that the statement of simple matters of fact which, to facilitate the exact comprehension of their meaning, accompanies the observations, should be kept distinct from the discussion of results in which the judgment of the writer should be allowed freer play.

With respect to reductions of the hourly Magnetical Observations, as the crude observations require careful and somewhat laborious preparation before the usual processes of averaging are applied, and as one year's observations barely suffices for the treatment of several important questions that yield distinct replies when applied to more extensive series, it appears to be by far the most economical and efficient course to treat a considerable body of several years' observations at once, and I have therefore refrained from adding to the bulk of this volume by including in it any of the usual tables of mean values, except those of hourly, daily, monthly, and annual means of Absolute Declination, which, without any elaborate treatment, may safely be assumed to be near the truth.

The delay that has occurred in completing the manuscript of this volume has arisen from the absorption of my time and attention by the more immediate objects of my appointment to the superintendence of the Observatory, viz.—the rectification of defective operations and of such faulty instruments as were susceptible of improvement, and the preparation of a plan for the more complete equipment and future conduct of the Observatory, by which its usefulness might be extended, and the value attaching to its past proceedings be rendered available for scientific purposes. It was not, therefore, until what I conceived to be necessary in these respects had received due attention, and been partly disposed of, that I felt myself at liberty to proceed with the experiments and collection of data which I deemed requisite to give precision to the account of the instruments and observations which appears in the following pages.

CHARLES CHAMBERS.

Colaba Observatory, Bombay, November 1866.

INTRODUCTION TO THE MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

For 1864.

The locality of the Bombay Observatory, as well as the grounds in which it is situated, and the buildings appropriated to the Magnetical and Meteorological instruments, is described in the Introduction to the volume of Observations for 1846. Its adopted geographical position deduced from astronomical observations made at the Observatory, is :—

Latitude.....	18° 53′ 30″ North.
Longitude	4 h. 51 m. 16·32s. East.

Staff of the Observatory.—The Staff of the Observatory consisted in the year 1864 of the undermentioned persons, to whose names are attached the initials by which they are severally designated in the records of Observations :—

Magnetical Department.

Goverdhun Luxooman C. *	First Assistant.....	G.
Naro Balcrishna P.....	Second do.	N.
Baboo Moreshwer	First Observer.....	B.
Gunesh Narayen.....	Second do.	G.
Crishnajee Gunesh.....	Third do.	C.
Narayen Ramchundra	Computer.....	N. R.

Astronomical Department.

Govind Ramchundra	First Assistant.
Hurree Chintamon.....	Second do.

System of Observation and reduction, and distribution of duties.—The duties in the Magnetical Department of the Observatory were distributed in the following manner:— The hourly Magnetical and Meteorological Observations were taken and entered in the registration forms by the Observers in rotation in three periods of 4 hours' duration of every

* Mr. Goverdhun Luxooman died on the 25th May, and Mr. Naro Balcrishna P. became Acting First Assistant from that date. Mr. Krishna Pandoorung succeeding as Acting Second Assistant from the 1st July.

successive half-day; and in the intervals between successive hourly observations the Observers copied the observations of each element into tables, having the days of the month marked in numerical order in the first column, and the hours of the day in order at the head of the columns, and computed the daily mean values and the monthly mean values for each different hour; the Computer also took part in the latter operations: in this stage the reductions passed into the hands of the Assistants, who deduced from them the tables of results; these were prepared (although many have been withheld as meaningless) for 1864 as for former years, according to a nearly uniform plan which had been long followed, and had become part of the fixed routine of the establishment. The First and Second Assistants made also the regular observations of Magnetic Dip and Horizontal Intensity, and occasional observations of the Electrometer; and upon the First Assistant devolved the immediate oversight both of observers and instruments, and the general control under the Superintendent of the Department; he was also charged with the preparation of the manuscript of the observations and results, and of the notices of adjustments, &c., for the press, the latter being afterwards submitted for the approval and additions or alterations of the Superintendent. Thus to Mr. Naro Balcrishna P. is due the credit of having carefully drawn up the results which form the Addenda to the Observations contained in the present volume: and I may here add that the high degree of intelligence, and the creditable knowledge of his profession which he possesses, and which have been frequently called into request in the course of the experiments hereafter described, in which he has rendered me very efficient aid, give good ground for dependance upon the work which he has performed. The hourly Magnetical Observations commenced every week at noon on Sunday and concluded at 11 A. M. on Saturday, Göttingen Civil Time. The Meteorological Observations commenced at 12 P. M. on Sunday and concluded at 11 P. M. on Saturday, Bombay Civil Time. Although the special reason for the observance of Göttingen Time may no longer exist, yet as any 24 equidistant times will serve equally well with any other 24 for determining the character of a diurnal variation; no disadvantage can attend its use other than the inconvenience to the Observer, who loses by the arrangement described 8 hours of freedom every Sunday; accordingly, while retaining Göttingen Time in 1866—partly for the sake of uniformity of system, and partly because of the impossibility of making the hourly readings of all the instruments, Magnetical and Meteorological, at the exact hour—the week has been made to commence on Sunday at 8 P. M. of Göttingen Mean Time, so that now the Observer gets his full Sunday of rest, a matter of no slight importance when the confining nature of the employment is considered.

Observations of Inclination were made twice a week, on Tuesdays and Fridays; and Deflection and Vibration experiments generally every Saturday.

In respect to the general fidelity and accuracy with which the hourly observations have been recorded, the results of the new reductions of the Declination Observations afford important and favourable testimony which I will here describe:—By a process devised by Major General Sabine and explained by him in various publications, disturbances were separated from the general body of observations, and the aggregate amount of disturbance at a particular hour throughout a period of seven years (from 1859 to 1865) was found for the easterly and westerly disturbances separately: this being done for every hour of the day it was found that at Bombay, as elsewhere, the aggregate disturbance effects have a distinct variation depending upon the hour angle of the sun.

The results are exhibited in the following table:—

TABLE I.—*Showing the Ratios of the Aggregate Values of the Declination Disturbances exceeding* 1′·4 *in amount at the several hours in the seven years from* 1859 *to* 1865 *inclusive; the unit being one-twentyfourth of the Aggregate of Easterly or Westerly Disturbances in the seven years.*

Bombay Astronomical Hours.	Westerly disturbances.	Easterly disturbances.
12	·05	·70
13	·17	·68
14	·16	·64
15	·14	·84
16	·18	·69
17	·36	·71
18	·80	·92
19	·96	1·17
20	1·64	1·00
21	2·35	1·08
22	2·73	1·61
23	2·76	1·83
0	2·84	1·68
1	2·57	1·56
2	1·86	1·29
3	1·41	·99
4	1·06	·91
5	·61	·85
6	·40	·85
7	·45	·80
8	·16	1·00
9	·11	·79
10	·16	·70
11	·08	·72
Aggregate values in the seven years.	2801′1	4538′7
	7339′8	

Remarking now, that on the average there are about thirteen normal observations to one disturbed, and that the ratios for any given hour are obtained quite independently of those at the remaining hours, it will be evident how almost impossible it is that the regularity in the ratios shown in the above table should flow from any but true observations; and further the marked distinction between the ratios of westerly disturbance and those of easterly disturbance, in that the former possess scarcely appreciable values for nine hours of the day, renders it very difficult to imagine that there can be any sensible admixture of fraudulent observations in the whole body. It has also been found from observations made in other parts of the world that the yearly aggregate of all disturbances occurring in a series of years is subject to a decennial variation corresponding in its general features, viz. in duration of the period and in coincidence of the times of maxima and minima, with the variation in frequency of the appearance of sun spots, and the same general result is shown for Bombay in the following numbers:—

TABLE II.—*Showing the Aggregate Values of all Disturbances exceeding* 1′·4 *in the several years from* 1859 *to* 1865 *inclusive.*

Years.	Aggregate values.
1859	1532′1
1860	1421·6
1861	951·8
1862	1240·5
1863	691·1
1864	595·9
1865	906·8

Note.— Some errors have been discovered in the two tables given above which it will take time to correct, but they are not such as to affect the argument based upon them.

The force of the argument here advanced lies;—first, in the fact that no reason can yet be assigned why the disturbance diurnal variations should have the particular characters which are found from the observations, still less why these characters should have been anticipated; secondly, that it is scarcely possible that the decennial variation of aggregate disturbance should have been foreseen as being more likely to be true than any other; thirdly, that, supposing them to be pre-conceived, it would be all but impossible to produce these results designedly; and lastly, the design existing, it could not well be common to three Observers, some of whom were changed from time to time and substituted by others, who would with difficulty be persuaded that they had any interest in participating in the fraudulent practice.

With the exception of Sundays and about eight Government holidays, the work of the Observatory went on regularly throughout the year.

The purpose served by the Astronomical Department is mainly the determination of correct time, which is publicly signalled every day (except Sundays) at 1 P. M. The Assistants make frequent observations of the meridian passages of stars, or of the sun when stars are not visible, with the large Transit Instrument, calculate the error and rate of the standard clock, and drop the time-ball; they also make and register comparisons of a portion of the chronometers which constitute the Government store, and furnish certificates of the errors and rates of their chronometers to the captains of ships in the harbour. The examination and reduction of Meteorological observations made at several out-stations, and the computation of abstracts of their results, is also effected by the Junior Assistant, previous to their being despatched to England for incorporation with similar returns from British possessions in various parts of the world. Time is the only element contributed by this department towards the published Observations, and this, for ordinary purposes, is furnished to the Magnetical office through the usual daily signal.

Instruments and Phenomena observed during the year 1864.—The indications of the following instruments were read at every hourly observation in the order and at the minutes stated opposite to each:—

Rain Gauge	From 5 to 7 minutes.	After the hour, Bombay Civil Time.
Air Thermometer		
Wet Bulb Thermometer.		
Thermometer in ground 1 inch deep		
Do. do. 9 inches deep		
Two Standard Barometers	From 7 to 9 minutes.	
Vertical Force Magnetometer and its Thermometer.	At 10 minutes.	
Large Declination Magnetometer	At 12 minutes.	
Large Horizontal Force Magnetometer and its Thermometer	At 14 minutes.	
Small Declinometer	At 16 minutes.	
Small Horizontal Force Magnetometer		

The direction and force of the wind, description and extent of clouds, general state of weather, and the Electrometer were observed between 5 minutes before and 5 minutes after the hour.

Remarks on the Condition and Adjustments of the Instruments and on the Processes of Reduction.

It is not purposed to repeat here the general descriptions of instruments which have from time to time appeared along with the Bombay Observations, but merely to make known such special circumstances in connection with their condition, situation and adjustment, with the habits of the Observers, and with the routine of the processes of reduction, as are necessary to enable the reader to form an independent judgment of the degree of precision attained and of the weight to be attached to any conclusions that may be drawn from the observations recorded in this volume. Reference has, however, been freely made to operations of a later date than 1864, wherever these were deemed likely to be of interest to the reader, and especially where their object was to rectify supposed defects before existing, or to furnish data for the useful employment of the recorded observations.

It may be remarked here that the system of checking the reductions hitherto adopted, though thoroughly good and effective where it applies, has not extended to many of the simple operations of copying and taking averages, and is consequently lacking with respect to many of the fundamental data upon which the results are based. It has been confined to the simple requirement of identical monthly mean values from the monthly abstracts (described on page) whether they were derived from the calculated daily or hourly means.

I.—MAGNETICAL INSTRUMENTS.

Plans showing the arrangement of the Large and Small differential Magnetometers appear in the Bombay Magnetical and Meteorological Observations 1846, Plates I and II.

Large Declination Magnetometer.

Description and last Adjustment.—This instrument, which is described partly in the Royal Society's Report of the Committee of Physics, and partly in the Bombay Observations 1845, Introduction, Page v, has furnished the hourly values of Absolute Declination for the whole period since the establishment of the Observatory. It was last adjusted in November 1861, since which time the formula adopted for the reductions has been:—

$$D = 6'{\cdot}841\ (f - 28{\cdot}2733) \times 1{\cdot}0028.$$

where D denotes the absolute Easterly Declination in minutes of Arc, and f the Scale-reading of the Declinometer, 6′·841 is the adopted value of one division of the Declinometer scale, 28·2733 the adopted reading for the coincidence of the magnetic axis of the bar with the true meridian, and 1·0028 the Torsion coefficient of the suspension thread. The Observations are made by a Transit Instrument, which is fixed on an isolated pillar of masonry at a distance of 27 feet to the southward of the Declinometer pillar, and which, in this position, is capable of being used also for observing the transits of stars through an opening (provided with shutters) in the roof of the Observatory. There are two sources of uncertainty which attach to the values of the Declination thus obtained, the first arising from possible accidental or gradual derangement of the adjustments of the Transit Instrument; and the second from probable inconstancy of the torsion of the suspension thread (which consists of about 40 fibres of raw silk) of the Declination magnet.

Fixed reference Scale for Reading Telescope. As an easy means of detecting any irregularity of the Transit Instrument, a divided Scale was fixed in May 1853 above the north window of the Magnetometer room, and was observed monthly by the Transit Telescope, always, apparently, with satisfactory results. To render this contrivance practicable, it was necessary at the same time to furnish the telescope with a sliding tube, carrying the object-glass, of sufficient length to allow focussing adjustment for parallel rays of light and for the fixed scale which was only 31 feet distant. Now, on examination in May 1866, the fitting of the tube was found to be so imperfect that sensible but small changes in the pointing of the telescope followed upon the repeated reversal of the pivots, or even upon swinging the telescope sharply round in its bearings, and a packing of thin paper was easily inserted between the two tubes *; nevertheless the readings of the reference scale, of which a unit equals about 18″·5 and the numbers increase from East to West, were 29·775 in every month of 1864, except January and February when they were 29·770 and 29·768 respectively. The regularity during ten months is remarkable, and the small apparent deviations to the extent of only 0″·13 may for the present be attributed with greater probability to change of collimation (owing to looseness of the tube) at the long focussing adjustment required for the fixed scale than to actual derangement of the Transit when adjusted for the Declinometer Scale. The reality of the apparent deviations in January and February may be tested by comparing with the monthly mean Declination readings of those months, corrected for annual and secular variation, the similar means of the preceding and following months, and this will be best effected when the whole body of observations is under discussion. Meanwhile the extent of the uncertainty is too small to affect any useful application of the recorded values of Declination.

Adjustment of Reading Telescope.—The reading wire of the Transit Instrument was supposed to point accurately in the direction of the true meridian, and its adjustment was effected by causing the wire to bisect Polaris when on the meridian, the collimation and level errors being first sensibly destroyed. At the first adjustment on record, dated 28th February 1854, the reading of the fixed scale was 29·780, which, allowing for the faulty state of the focussing tube is very close, being within 0″·1 to the reading still made use of in 1864, viz. 29·775; hence it is probable that the supposition of the telescope pointing in a constant direction is very nearly correct. It was found, however, on a thorough examination of the adjustments of the Transit Instrument in May 1866, that the western pivot was very sensibly too high, and the collimation error liable to vary within small limits. It may, therefore, be the best course to assume that the level and average collimation errors were the same in 1864 as in May 1866,—this is probable from the constancy of the readings of the fixed scale,—and to infer the absolute direction—corresponding to the fixed scale reading 29·775—in which the telescope pointed in 1864 from approximate determinations of the same absolute direction made in 1866. The details of the observations of the Transits of stars which were made for this purpose are shown in the following table:

* After this the adjustment was made for parallel rays, and has since remained undisturbed, the reference scale being substituted by a collimator mark placed on a solid teakwood pillar resting on the chunam floor between the Transit and the Declinometer.

TABLE III.—*Observations of Transits of Stars made with the Transit Instrument used for observing the Large Declinometer to determine the deviation of the Reading Wire from the True Meridian when adjusted to the Division 29·775 of the Fixed Scale.*

	1866 Date.	Star Observed.	Sidereal Time of Transit corrected for Error of Chronometer.	Level Error of Transit Instrument.	Collimation Error of Transit Instrument.	Time, corrected for Level and Collimation Errors.	Deduced Azimuthal Error of Transit Instrument.	Weight given to determination of Azimuthal Error.	Mean Azimuthal Error. For each day.	Mean Azimuthal Error. For each group.	Observer.	Remarks.
	1	2	3	4	5	6	7	8	9	10	11	12
			h. m. s.			h. m. s.						
First group.	May 1	γ Ursa Majoris.	11 46 33·13	+ 1′·20	— 0′·26	11 46 38·11	N 2′48 E	1	N 2′94 E		N	All the observations were made with lamp east.
	„ 1	α′ Crucis.....	12 19 42·05			12 19 41·42	N 3·21 E.	1·5	— 3·12 *		„	
	„ 1	Polaris.....	13 17 37·54			13 17 20·44	N 2·95 E	6	N 0·18 W		„	* On May 1st the Telescope pointed eastward of the division 29·775 of the fixed scale, requiring a turn of 52 divisions of the azimuthal adjusting screw to bring the wire upon that reading; hence as each division of the adjusting screw corresponds to 0′·060 the correction to the deduced azimuthal error to make it comparable with those observed after is 3′·12.
	„ 4	α Ursa Majoris.	10 55 20·59	+ 1·32	— 0·26	10 55 26·56	N 0·19 E	1·2	N 0·10 E		„	
	„ 4	Polaris.....	13 10 17·19			13 9 54·26	N 0·08 E	6			„	
	„ 10	α Ursa Majoris.	10 55 22·25	+ 1·32	0·00	10 55 30·43	N 0·49 W	1·2			„	
	„ 10	γ Ursa Majoris	11 46 42·48			11 46 49·87	N 0·51 W	1	N 0·63 W	N 0·30 W	„	
	„ 10	α′ Crucis.....	12 19 8·60			12 19 10·35	N 0·43 W	1·5			„	
	„ 10	Polaris.....	13 8 58·31			13 7 53·63	N 0·72 W	6			„	
	„ 11	α Ursa Majoris.	10 55 22·27	+ 1·25	0·00	10 55 30·10	N 0·44 W	1·2			„	
	„ 11	γ Ursa Majoris.	11 46 42·33			11 46 49·40	N 0·40 W	1	N 0·44 W		„	
	„ 11	α′ Crucis	12 19 8·89			12 19 10·42	N 0·42 W	1·5			„	
	„ 11	Polaris.....	13 9 26·19			13 8 24·38	N 0·52 W	1 †			„	
Second group.	May 14	α′ Crucis	12 19 10·49	+ 0·01	+ 0·27	12 19 12·80	N 0·13 W	1·5	N 0·11 W		„	May 8th. Focus adjusting screw turned to extreme limits. May 8th do. do. † May 11th. Observed only last contact of star with wire.
	„ 14	Polaris	13 10 20·44			13 9 36·25	N 0·08 W	1 ‡			„	
Third group.	May 15	γ Ursa Majoris	11 46 49·75	+ 0·01	+ 0·08	11 46 50·35	N 0·66 W	1	N 0·43 W		„	May 12th. Bearings of axis of Telescope relieved, bearings and axis cleaned and instrument readjusted. ‡ May 14th. Observed only first contact of star with wire.
	„ 15	α′ Crucis.....	12 19 10·38			12 19 11·07	N 0·33 W	1·5			„	
	„ 15	Polaris.....	13 8 58·08			13 8 44·84	N 0·41 W	6			„	
	„ 17	γ Ursa Majoris.	11 46 47·74	+ 0·01	+ 0·08	11 46 48·38	N 0·18 W	1	N 0·18 W		„	May 15th. Altered collimation adjustment.
Fourth group.	May 22	β Centauri....	13 54 24·58	— 0·05	+ 0·02	13 54 24·61	N 0·50 W	1·4			C. C.	May 21st. Thin paper wrapped round sliding tube of telescope; and instrument readjusted. May 21st. Collimator mark fixed on wooden pillar.
	„ 22	α Centauri....	14 30 31·90			14 30 31·93	N 0·67 W	1·4	N 0·45 W		„	
	„ 22	β Ursa Minoris.	14 51 14·00			14 51 13·76	N 0·24 W	1·8			„	
	„ 23	Polaris ....,	13 8 46·94	— 0·06	+ 0·02	13 8 47·03	N 0·42 W	6			„	
	„ 23	β Centauri....	13 54 25·36			13 54 25·40	N 0·40 W	1·4	N 0·39 W	N 0·37 W	„	
	„ 23	β Ursa Minoris.	14 51 14·80			14 51 14·56	N 0·30 W	1·8			„	
	June 7	Polaris	13 9 20·88	— 0·02	+ 0·01	13 9 19·82	N 0·29 W	6			„	
	„ 7	β Centauri....	13 54 25·63			13 54 25·70	N 0·34 W	1·4	N 0·32 W		„	
	„ 7	Centauri....	14 30 33·36			14 30 33·43	N 0·46 W	1·4			N	

The signs of the Level and Collimation errors are considered positive when a south star is made to appear on the wire of the telescope too soon, that is when the western point is too high or when the wire points to the eastward of the direction perpendicular to the axis of rotation of the telescope.

The numbers in Column 7 are obtained by substracting the apparent Right Ascensions of the stars, taken from the Nautical Almanac, from the times shown in Column 6, and dividing the difference expressed in minutes by $\left\{\frac{\text{Cos (Altitude from south)}}{15\ \text{Cos (Declination)}}\text{ of star}\right\}$ the deviation being to east of north if the sign of the result be positive and the star above the pole, or if the sign be negative and the star below the pole, and to the west in the reverse cases.

The weight assumed in Column 8 is roughly proportional to the square root of $\left\{\frac{\text{Cos. (Altitude)}}{\text{Cos. (Declination)}} \text{ of star}\right\}$, and the mean values in Column 9 are deduced from the individual errors having regard to the respective weights of the latter. No observations were used for this purpose for which $\left\{\frac{\text{Cos (A'titude)}}{\text{Cos (Declination)}} \text{ of star}\right\}$ was less than unity. The discrepancies in the individual determinations of Azimuthal Error, which are too large to be attributed to errors of observation, may in the first group be partly accounted for by irregularities of Collimation not allowed for, but the values are sufficiently accordant to show that the probable error in adopting the mean result of the first group will fall much within 0′·5. This mean is N 0′·30 W and the mean Collimation Error is 0′·13 W, hence the direction corresponding to the reading wire is N 0′·43 W, and 0′·43 must be subtracted from the printed values of Absolute Declination, if so small a quantity be esteemed of consequence, in any special investigation for which they may be used. After packing the sliding tube of the telescope both the individual and mean measures for finding the collimation error became regular and satisfactory, the exact means being on May 21st + 0′·017 and on May 23rd +0′·014.

Constancy of direction of the magnetic axis of the bar.—The division of the Collimator Scale corresponding to the magnetic axis of the Declinometer Magnet was in January 1856, 28·31, and in August 1861 three independent measures gave values 28·25, 28·29, and 28·27; it appears, therefore, that the change in five and a half years was very small, and that the last determination was doubly verified; the latter may therefore be relied upon as nearly correct in 1864.

*Determination of the Angle subtended by a Unit Division of the Declinometer Collimator Scale.**—The observations upon which the value 6′·841 of a unit of the Declinometer Scale is based, were made in 1845, and are shown in detail in the Introduction to the volume of Observations for that year, Page VI. In January 1856, however, the lens and divided scale were detached from the magnet, and it is conceivable that on replacing them their distance apart might not remain exactly the same as before, in which case the arc-value of a division of the scale would be altered nearly in the inverse ratio of the distances. In order to test the value, without disturbing the adjustment of the Declinometer, the same Altitude and Azimuth Instrument that was used for the former determination was therefore mounted, in June 1866, on a firm tripod stand, in a line with, and successively at different distances from, the magnet in its usual adjustment, and the division of the scale cut by the middle wire of the telescope was noted simultaneously with the reading of an auxiliary declinometer when one of the azimuth micrometers was shifted by the tangent screw successively through intervals of 10′, 25′, and 2°·10′. The following table shows the readings of the Declinometer Scale, after correction to a uniform value of the Declination, thus obtained:—

* It may be remarked here that every tenth division of the scales of the three differential Magnetometers is marked with a long line and a number of which the letter is greater by unity than that of the next preceding tenth division; for this reason, apparently, the unit division was at the commencement of the series of observations in each case taken as indicated by the figures and the small divisions as tenths of a unit. There appears to be no sufficient reason for now departing from this practice, for while the angular values of the divisions were nearly the same in the Declinometers and Bifilars supplied at first to different Observatories, the scale-reading at one station were not comparable with those at another until they had been reduced to a common unit of force; and in the scale values given along with the Bombay Observations due regard has always been paid to the units actually used in the readings recorded.

TABLE IV.

Distance of Lens on Magnet from Object-glass of Telescope.	Interval on Azimuth Circle.	Scale-reading of Large Declinometer, corrected to a uniform value of Declination.					Deduced value of a Unit of Scale.	Weight of Determination.	Mean value of a Unit of Scale.
		For Initial	For Final	Mean Initial Reading.	Mean Final Reading.	Difference.			
		Division of Circle.							
Inches.									
105	10′	36·662 36·632 36·623	35·170 35·170	36·639	35·170	1·469	6·807	1	
105	25′	34·487 34·495 34·478	38·165 38·167	34·487	38·166	3·679	6·795	2·5	6·806
348·7	10′	35·947 35·913 35·883 35·867	34·466 34·428 34·410	35·903	34·435	1·468	6·812	1	
16·3	2°10′	19·940 19·955 19·953 19·942 19·946	39·053 39·052 39·047 39·031	19·947	39·046	19·099	6·807	13	

There is evident system in the decrease of the numbers in Columns 3 and 4, but whatever it may arise from, as it is small in amount and affects equally the numbers in both columns, the mean of all the results, giving weights proportional to the arcs from which the individual values are derived, may safely be adopted. If the Scale were sensibly but very slightly removed from the principal focus of its lens, the observed values of a division should form a regular gradation as the distances increased or diminished; but it is seen that the value given by the observations at the intermediate distance is slightly less than either of those at the extreme distances, hence it is probable that the small differences arise from errors of observation and errors of division of the Azimuth Circle, and that the divided Scale is very nearly in the principal focus of its lens. The final mean value is 6′·806, and it is apparent that the interval between the Scale and its lens (about 12·7 inches) has been increased since 1845 to the extent of about 0·06 inch: however, as the retention of the old Scale value will produce an error in the Absolute Declination of less than 0′·2, it seems preferable, for the sake of preserving the comparability of the values given in this and in former volumes, not to make any change in the formula of reduction.

Variation of Torsion Force of Suspension Thread.—In 1864 no means had yet been devised for determining closely the amount of effect that may be due to inconstancy of the torsion of the suspension thread. But an approximate estimate of the aggregate error from all causes may perhaps be formed from the comparison of independent determinations of Absolute Declination made in January 1866 with the corresponding readings of the Large Declinometer. The mean of eight results showed that the Large Declinometer gave the Absolute Easterly Declination 2′·4 too great, and though the capabilities of the independent instrument are not such as could be desired for the purpose, yet, as the individual determinations all lay within 0′·8 of the mean, the reality of the error is unquestionable. Until the comparison of the whole body of Declination observations may give more definite information this result may be taken as an approximate indication of the aggregate error of the printed numbers.

Small Declination Magnetometer.

No observations made with this instrument in 1864 are printed except those recorded during magnetic disturbances. The Angular motion of the north end of the magnet to the eastward corresponding to an increase of one Scale-division in the reading is very nearly 5′·23.

Large Horizontal Force Magnetometer.

Description and last Adjustment.—This Instrument is also described in the Royal Society's Report of the Committee of Physics, and its mounting in the Bombay Observations 1845, Introduction page III. The north end of the magnet has always been twisted westward, and the readings of the Torsion Circle increase in a right-handed direction. The last adjustment was made on the 31st December 1855, and from the account of it given in the volume for that year, Introduction page XV, it may be gathered that as an angle of torsion (v) of 56° 17′·5 required that the reading of the Torsion Circle should be 278°13′, so the reading which would allow the axis of the magnet to lie in the magnetic meridian would be 64° 30′·5, and this differs little from the corresponding reading (64° 58′) found at the next previous adjustment on December 28th, 1850, of which a definite and satisfactory record is given in the volume of Observations for 1851, Introduction page XIII. It is stated that when the last adjustment was completed, the Torsion Circle read 270° and the Collimator Scale 17·69 div. at temperature 81°0. Assuming, as this is only implied in the record, that in this position the magnet was at right angles to the meridian, the angle of torsion (v) would be 64°30′·5, and the coefficient of reduction, calculated by the formula:—

$$k = \cot.\ v\ dv = \cot.\ 64°\ 30'{\cdot}5 \times 10{\cdot}85^{*} \times {\cdot}0002909, \text{ is equal to } {\cdot}001505.$$

Scale Coefficient in 1864.—Now to find its value in the middle of 1864 when the Scale reading had become 21·717 (at mean temperature 82°21)—an increase of 43′·69—and the Easterly Declination was greater by 16′·17, we have for any angle of torsion (v) and any deviation of the magnet from the meridian ($a-v$), the equation of equilibrium of the Bifilar instrument:—

$$\text{M X sin. } (a-v) = \text{G sin. } v. \quad \ldots\ldots\ldots\ldots \quad (1)$$

Where M is the magnetic moment of the magnet, X the horizontal force of the earth, and G a constant depending on the length and distances apart of the suspension wires and on the weight of the magnet and the force of gravity.

Differentiating

$$\text{Sin. } (a-v)\ d\ (\text{M X}) + \text{M X cos. } (a-v)\ (da-dv) = \text{G cos. } v\ d\ v. \quad \ldots\ldots\ldots\ldots (2)$$

and now transposing, and dividing by (1) we get

$$\frac{d\,(\text{M X})}{\text{M X}} = \{\cot.\ v + \cot.\ (a-v)\}\,d\,v - \cot.\ (a-v)\ d\,a \ldots\ldots\ldots\ldots (3)$$

and when v becomes $(v + \Delta\ v)$ and a becomes $(a + \Delta a)$ this will be

$$\frac{d\,(\text{M X})'}{(\text{M X})'} = [\cot.\ (v + \Delta\ v) + \cot.\ \{(a-v) + (\Delta\,a - \Delta\,v)\}]\ d\,v - \cot.\ \{(a-v) + (\Delta\,a - \Delta\,v)\}\ da \quad (4)$$

which when $(a-v) = 90°$

$$= [\cot.\ (v + \Delta\ v) - \tan.\ (\Delta\,a - \Delta\,v)]\ d\,v + \tan.\ (\Delta\,a - \Delta\,v)\ d\,a \quad \ldots\ldots\ldots\ldots (5)$$

---

* Since $d\,v$ or a unit of the Collimator Scale was found in 1845 from numerous careful observations to be 10′·85; and the arc of one minute to radius unity equals ·0002909.

Now for the case in question ($\Delta a - \Delta v$),=(16′·17—43′·69)=—27′·52, is very small, and the last term of (5) depending on changes of declination (da) may be disregarded; indeed it would be so troublesome to apply this term in practice that as soon as it becomes of importance the theory of the instrument requires that the angle v should be altered by turning the torsion arms so as to make (a—v) again nearly equal to 90°. For the middle of 1864 the Scale-coefficient will therefore be

$$k = \{\text{cot. } (64° 30′·5 + 43′·69) + \text{tan. } 27′·52\} \times 10·85 \times ·0002909$$

$$= (\text{cot. } 65° 14′·19 + \text{tan. } 27′·52) \times 10·85 \times ·0002909$$

$$= ·001481.$$

and on May 29–30, 1866, when the Scale-reading was 22·85 and

$\Delta a = 24′·01$, k would be = ·001472 or ·000009 less than in the middle of 1864.

Between the 29th May and 4th June 1866 an independent determination of k was made by using the same 3-inch magnet (marked A·51) to deflect in succession the Horizontal Force and Declination Magnetometers, of which the magnets are alike in size and shape. A·51 was placed successively at different distances along a horizontal line passing at right angles to the magnetic axis through the middle of the deflected magnet, with its length in the direction of that line, and the corresponding readings of the magnetometers were noted with the mean results shown in the following table:—

TABLE V.

Deflections of the Large Horizontal Force Magnetometer by A·51.					Deflections of the Large Declinometer by A·51. *				
	North end of Deflector.	Distance of Deflector in feet.				North end of Deflector.	Distance of Deflector in feet.		
		2·007	2·507	3·007			2·000	2·500	3·000
		Mean Scale-readings.					Mean Scale-readings.		
Deflector on Southern side.	N	26·150	24·702	23·940	Deflector on Eastern side.	E	36·597	35·550	35·022
	S	19·752	21·237	21·815		W	31·857	32·942	33·460
	N	26·147	24·730	23·892		E	36·590	35·547	35·025
	S	19·745	21·237	21·793		W	31·860	32·937	33·467
	N	26·115	24·742	23·897		E	36·597	35·545	35·040
Mean.....	N	26·137	24·725	23·910	Mean.....	E	36·595	35·547	35·029
Do.....	S	19·749	21·237	21·804	Do.....	W	31·859	32·940	33·463
Deflection...	..	3·194	1·744	1·053	Deflection .	..	2·368	1·304	0·783
Deflector on Northern side.	N	25·827	24·182	23·310	Deflector on Western side.	E	36·941	35·655	35·075
	S	19·607	20·772	21·262		W	32·157	33·041	33·502
	N	25·705	24·115	23·282		E	36·952	35·682	35·096
	S	19·527	20·727	21·225		W	32·165	33·070	33·516
	N	25·615	24·055	23·245		E	36·956	35·708	35·102
Mean.....	N	25·716	24·117	23·279	Mean.....	E	36·950	35·682	35·091
Do.....	S	19·567	20·750	21·243	Do.....	W	32·161	33·055	33·509
Deflection ..	..	3·074	1·684	1·018	Deflection .	..	2·394	1·313	0·791
Mean Deflection.	..	3·134	1·714	1·035	Mean Deflection..	..	2·381	1·308	0·787
Mean Deflection	..	3·167	1·728	1·042					
Reduced to distance....	..	2·000	2·500	3·000					

* The change in the strength of the deflecting magnet during the interval between the two sets of experiments was, if sensible, quite inconsiderable as affecting the purpose of the experiments.

The formula of reduction for these experiments is

$$k = \frac{\tan. u}{n} \text{ or near enough } = \frac{u}{n}$$

u being the deflection (in Arc) of the Declinometer and n that of the Bifilar in scale-divisions with the deflector at the same distance. The value of a unit of the Declinometer Scale being 6′·806, if we multiply by 1·0028 the Torsion coefficient of the Declinometer thread, we shall have—

$$k = \left\{\frac{2{\cdot}381}{3{\cdot}167} \text{ or } \frac{1{\cdot}908}{1{\cdot}728} \text{ or } \frac{0{\cdot}787}{1{\cdot}042}\right\} \times 1{\cdot}0028 \times 6{\cdot}806 \times {\cdot}0002909$$

$$= \{{\cdot}001493 \text{ or } {\cdot}001503 \text{ or } {\cdot}001499\}$$

from deflections at the distances 2·0, 2·5, and 3·0 feet respectively.

It follows from the agreement of these three values of k that the distribution of magnetism is very similar in the Large Horizontal Force and Large Declination magnets, and thence that the three results may be regarded as independent determinations, when the mean of the three (·001498) is seen to be very accurate, differing not more than ·000006 from any of the individual determinations. On the other hand, some doubt attaches to the values obtained by the formula cot. $v\ dv$ on account of the indefiniteness of the records as to the value of v, and although the resulting value of k differs but little from that given by the method of deflections, yet the latter, being free from any such uncertainty, is to be preferred. Adopting then the mean (·001498) as the true value for the time at which the deflection experiments were made, and finding the amount of change in the value of k since the middle of 1864 by the formula

$$\triangle k = -\left\{\frac{\triangle v}{Sin.^2 v} + \frac{\triangle a - \triangle v}{Sin.^2(a-v)}\right\} dv = -\left\{\frac{\triangle v}{Sin.^2 v} + (\triangle a - \triangle v)\right\} dv \text{ nearly}$$

$$= -(\text{cot.}^2 v \triangle v + \triangle a)\ dv = -(\text{cot.}^2 65°14'{\cdot}19 \times 12{\cdot}30 + 7{\cdot}84) \times 10{\cdot}85 \times ({\cdot}0002909)^2$$

$$= -{\cdot}0000096$$

and then deducting this from ·001498 we get as the most probable value in 1864, k = ·001508, or ·00151 as near enough for practical application.*

Temperature Coefficient.—The most experienced magneticians agree that a satisfactory knowledge of the magnitude of the effect of a simple increase or decrease of the temperature of the Bifilar Instrument in altering its scale reading, may be obtained by the comparison of a considerable body of ordinary observations at different natural temperatures. By this means applied to all the observations made since the last adjustment of the instrument, viz: between 1856 and 1865, a mean value of 0·143 div. has been found as the diminution of Scale-reading produced by an increase of 1° Fahrenheit of temperature, the values for the individual ten years ranging between 0·126 and 0·160. The following was the process made use of for a first approximation—Entering the mean temperature of the instrument for every day in the year side by side with the corresponding mean daily Scale-readings, the differences of every two successive entries of Scale-reading divided by the corresponding differences of temperature, would, if the mean readings were unaffected by other causes, give

* It will be observed that the scale-coefficient used in the reduction of the Bombay Horizontal Force observations from 1856 to 1863, being about ·0021, is erroneous to the extent of one-fourth of its whole value.

independent values of the temperature coefficient. Taking then the sum of all the differences of temperature (regardless of their signs) in the year, and—after changing the signs of all those differences of Scale-reading for which the corresponding difference of temperature was negative—adding together also the differences of Scale-reading with their proper signs, the quotient of the latter sum divided by the former gives the mean coefficient for the year, and is the equivalent of the mean of all the daily determinations, giving weight to each proportional to the temperature effect which furnished it. The actual calculations were much shortened, but without altering the principle of procedure. The condition above mentioned, that no other causes must be supposed to affect the mean Scale-readings, under which alone the method is applicable as regards the daily determinations, may, as respects the yearly mean, be discarded, excepting so far as those other causes are dependent upon or vary with changes of natural temperature, because in the great number of oscillations of mean daily temperature which must occur in the course of a year, the extraneous effects will probably occur as often with a rising as with a falling temperature, and will thus affect the coefficient by augmentation to the same extent as by diminution: exception must, however, be allowed, as to the very near equivalence of the effects, in the case of disturbances of large amount and frequent occurrence, since the uneliminated portion of these may mask to a considerable extent the smaller effects of temperature: and on this account such days of disturbance should be struck out before commencing the calculations for an exact determination of the coefficient; but in the case of Bombay, where disturbances are neither relatively large nor frequent, their influence in a course of years will be nearly as much in one direction as in the other, and cannot be great in the ten years in question, for which the extreme yearly values of the coefficient are within one-eighth of the mean. The uncertainty arising from the possibility of the existence of disturbing causes,—other than the simple heating of the instrument,—depending on changes of natural temperature can only be met in any particular case by experiments in which—the instrument remaining under the same adjustment,—artificial heating and cooling are substituted for the natural variations of temperature in the process described, and which may furnish an independent determination of the coefficient. If this result should agree with the former, there is no indirect temperature action of the kind that has been imagined, otherwise it may be suspected.* No such experiments having been made at any time with the Bombay Instrument, and the writer not having as yet found time to prepare for and execute them, it is with reference to this source of uncertainty that the prevailing opinion of magneticians, which is derived from the agreement of the effects of natural and artificial heat in other instances, is stated at the head of this paragraph. A more elaborate treatment of this question is in progress, and will be completed before applying the result to the reduction of the observations: it will probably result in greater consistency of the yearly determinations, without materially altering the mean of all.

Loss of Strength of the Magnet of the Large Horizontal Force Magnetometer.—Referring to page xii we find for the 31st December 1855, with Scale-reading 17·69 and temperature 81°0, $v = 64° 30'·5$ and $(a—v) = 90°$; and for the middle of 1864, (with Easterly Declination increased by 16'·17 and Scale-reading 21·717 at temperature 82°21 or reduced to temperature 81°0 the Scale-reading would be 21·891, for which) $v = 65° 16'·07$

* The method of determining the temperature correction of magnetometers by the comparison of mean daily scale-readings and mean daily temperatures at intervals of one, two, &c. days was first described by Mr. J. A. Broun in the "Edinburgh Transactions for 1845."

and $(a-v) = 89° 30'·60$;—and from the formula

$$(M X) \sin.(a-v) = G \sin. v, \text{ we have } (M X) = G\frac{\sin. v}{\sin.(a-v)}$$

hence on December 31st, 1855, $(M X) = G\frac{\sin. 64° 30'·5}{\sin. 90°}$ .....(1)

and for the middle of 1864 $(M X)' = G\frac{\sin. 65° 16'·07}{\sin. 89° 30'·00}$ .....(2)

deducting (1) from (2) and dividing by (1) we find

$$\frac{(M X)'-(M X)}{(M X)} = \frac{\Delta (M X)}{(M X)} = \frac{\frac{\sin. 65° 16'·07}{\sin. 89° 30'·00} - \sin. 64° 30'·5}{\sin. 64° 30'·5} = +·0063$$

therefore $\frac{\Delta M}{M} = +·0063 - \frac{\Delta X}{X}$ .....(3)

To eliminate $\frac{\Delta X}{X}$ we must have recourse to the absolute determinations of Horizontal Force by observations of Deflection and Vibration which give for 1856, X=8·0278, and for 1864, X=8·0848, with a regular, though not uniform, increase from year to year; it follows that $\frac{\Delta X}{X}$ for the eight years =·0071, which on adding ·0005 for the half year from December 31st 1855 to the middle of 1856 becomes ·0076. Now, since with an average annual increase of less than a thousandth of the whole force, the observations show for every individual year an actual increase, it is probable that the difference just obtained is very nearly correct:—substituting it in equation (3)

$$\frac{\Delta M}{M} = +·0063 - ·0076 = -·0013.$$

This amount of loss has been produced in 8½ years, or at the rate of ·00015 per annum, indicating a degree of permanence of the free magnetism of the bar, the advantage of which, in facilitating the treatment of all questions but those of variations of short period, such as the diurnal, can scarcely be over-estimated. Observations were made monthly of the time of vibration of the Large Horizontal Force magnet in its adjustment, with the intention of checking any irregularities or change in the magnetic moment of the bar, but as the bare times of vibration and no date or hour are recorded without any note of the corresponding Scale-readings and temperature of the Bifilar, or of the readings of the Declinometer, all of which are essential elements in the calculation of the strength of the magnet, they cannot be used for that purpose: but as the rough indication they do afford is not generally accordant with the conclusion just arrived at, it is not thought right to suppress them, and they are accordingly quoted below in the order of the months from January to December, the mean for the year being 16·22 seconds:—

16·25; 16·21; 16·21; 16·20; 16·20; 16·19; 16·21; 16·22; 16·25; 16·23; 16·24; 16·25.

Renewal of the Spider Lines of the Reading Telescope.—Whenever this was rendered necessary by the spontaneous breaking of the old spider lines, the new line was approximately adjusted to a division of the Scale having the same relation to the reading of the small Horizontal Force Magnetometer as was found to exist between the two instruments before the breakage took place: but no record appears to have been preserved to show when and how often this had to be done.

Small Horizontal Force Magnetometer.

Observations with this instrument are published only for times of magnetic disturbance. The Scale coefficient in use in 1864 was $k = \frac{\Delta X}{X} = ·001$, and the temperature coefficient was $\frac{q}{k} = 0·19$, the decrease of Scale-reading corresponding to an increase of 1° of temperature. I have not yet found opportunity to examine as to the correctness of these values.

Vertical Force Magnetometer.

Description and Adjustments.—A description of this Instrument will be found in the Bombay Observations for 1850, Introduction page xx. The axis of the Magnet lies approximately in the magnetic meridian, with the north end directed northwards. In consequence of the magnet and attachments becoming partially rusted during the wet season it has generally been necessary to clean the knife-edge and renew the adjustments towards the end of the monsoon, and thus the observations will fail to be of use as regards changes of long period. But the same evil affects also the comparability of the observations which form the earlier and the later portions of the same series, inasmuch as the sensibility of the instrument appears to decrease as the rust accumulates on the knife-edge. The renewal of the adjustment in 1864 was made on the 26th September.

*Value of one division of the Divided Scale**.—The actual length of a division of the Scale is 0·25 inch, and the distance of the Scale from the knife-edge of the Magnet as given with the description above mentioned is 154·8 inches: this differs by only 0·5 inch from a careful measurement made later, and may be regarded as sufficiently correct. It has also been found that when the normal to the mirror is in the same horizontal plane with the axis of the reading telescope, the angle contained by these two directions is approximately 4° 41′, and it appears further from the description (1850, Introduction page xxi) that the plane of the mirror is inclined to the broad (or vertical) surface of the magnet at an angle of 88° 15′. Hence when the normal to the mirror is nearly horizontal † the angular motion (a) of the magnet corresponding to a change of Scale reading of one division will be

$$a = \frac{0{\cdot}25}{2 \times 154{\cdot}8 \cos.\ 4°\,41' \sin.\ 88°15'} = {\cdot}0008106 \quad \log.\ a = 6{\cdot}90879.$$

Scale Coefficient.—The observations that have been made for determining the change of Vertical Force ($\frac{\partial Y}{Y}$) corresponding to a change of one division in the Scale reading have been only those of the time of vibration (T) of the magnet in adjustment, the intention being to assume that the time of vibration (T′) when the magnet was suspended freely and oscillating in a horizontal plane was not sensibly changed since the last observation in 1850. Representing the magnetic dip by θ, the coefficient would then have been calculated by the formula

$$k = \frac{\partial Y}{Y} = a \cot.\ \theta\ \frac{T'^2}{T^2},$$

adopting, as applicable to the whole year, a general value of T, which it has apparently been the custom to estimate by an inspection of the values observed in those months when the instrument was in its most satisfactory condition.

The defects of the instrument having been apparently regarded as incurable, and from its being a disputed point whether in a case of gradual derangement like that of the Bombay instrument, the time of vibration in a vertical plane is any longer a true indication of the existing sensibility of the instrument, and not rather that the sensibility remains unimpaired by whatever defect the time of vibration is diminished, the general procedure perhaps as free from objection as any, that in the absence of special experiments, could be devised. But it is otherwise when experiment is called in to aid the judgment, as will be seen from what follows:—

* The unit division here intended is subdivided by short lines into tenths.

† As the position rarely or never deviates from horizontality more than 2°, the same value of a will be abundantly near to the truth for all the recorded observations.

In October 1865, the instrument having acquired its usual sluggish condition at that season of the year, the Magnet was deflected—without disturbing its adjustment or opening the box in which it is enclosed—by the small magnet A·51 placed vertically at successive different distances along a vertical line above the centre of the Vertical Force Magnet, with its north and south ends alternately pointing towards that centre. The presence of the masonry pillar prevented its being also placed vertically underneath the Vertical Force Magnet, and it was therefore placed vertically at the sides of the pillar in the vertical plane which cuts the magnet at right angles at its centre, at corresponding distances below the Vertical Force Magnet but laterally removed by (0·96 foot) the half breadth of the pillar with the deflection rod attached, the observations in this position being multiplied by $\frac{2\cos\beta}{2\sin^2\beta-\cos^2\beta}$ (in which β is the inclination of the line joining the centres of the two magnets to the horizontal direction) to reduce them nearly to what would have been found with the Deflector in the vertical line under the magnet. After this, and before opening the magnetometer box, three independent observations were made of the time of vibration of the Vertical Force Magnet in its adjustment, with the results 7s·05, 7s·12 and 6s·97, derived from 32, 18, and 30 vibrations respectively at temperature 85° As contrasted with the time of vibration (about 11 seconds) of this instrument in the dry months there is a fair degree of consistency about these numbers, although it is not such as we should expect from a delicate instrument in good order. Next, the box was opened and inverted to form a receptacle in which to vibrate the magnet in a horizontal direction when suspended by a silk thread. Twelve perfectly independent intervals of 60 vibrations occupied 13 minutes, and the following number of seconds respectively, viz:—50·4, 50·2, 49·9, 50·3, 50·8, 50·6, 50·3, 49·6, 49·9, 50·2, 50·4, and 50·8; the mean of which is 13m. 50s·28, whence the time of one vibration = 13s·838;—the coefficient of Torsion of the suspension thread was 1·00317 and temperature of the magnet 85° Another similar set of observations of twelve intervals of 100 vibrations each gave a mean value of one vibration 13″·828· The adopted value was 13·83. In the Vibration experiments the deviation of the Vertical Force Magnet from its mean position was never greater than 1°, the rate of the chronometer was always less than 5 seconds, and the effect of induction would be small and compensating, and therefore negligible, in the different parts both of the Vibration and Deflection experiments. Retaining the last arrangement of the Vertical Force Magnet it was now deflected horizontally by the small magnet A·51 placed successively at different distances along the horizontal line passing at right angles through the centre of the Vertical Force Magnet, with its north and south ends alternately pointing towards that centre. This was done with the Deflector, both on the Eastern and Western sides of the Vertical Force Magnet. The positions of the deflected magnet were read on a divided paper Scale—placed horizontally in front of the usual vertical scale—with a theodolite mounted on a temporary stand so as to command a view of the scale by reflection from the mirror attached to the magnet. The axis of the Telescope was inclined at an angle of 3° 30′ to the horizontal direction, and a horizontal movement of the magnet of 6′ 24″ was required to produce a change of a unit in the Scale-reading, the length of a division being 0·498 inches and the distance from the mirror to the Scale 133·94 inches. The axis of rotation of the magnet was the same as in the Vertical Deflections and Vibrations.

The following table shows the observed Vertical and Horizontal Deflections:—

TABLE VI.

Vertical Deflections of the Vertical Force Magnetometer in adjustment (before being cleaned) by A·51.

North end of Deflector.	Vertical distance of Deflector in feet. 1·5 — Position of Deflector. Above.	1·5 — Below. East.	1·5 — Below. West.	2·0 — Above.	2·0 — Below. East.	2·0 — Below. West.
	Deflection in Scale Divisions.					
Lowermost ..	2·80	0·95	0·98	1·34	0·72	0·72
	2·84	0·95	0·97	1·49	0·74	0·72
	2·85	0·94	....	1·50	0·74	....
	2·86			1·52		
		0·947	0·975		0·733	0·720
Mean.....	2·838	0·961		1·462	0·726	
Uppermost ..	2·61	0·85	*	1·20	0·63	
	2·65	0·89		1·32	0·69	
Mean.....	2·630	0·870		1·260	0·660	
Deflection.....	2·734	0·915		1·361	0·693	
Deflection corrected†....		2·715			1·315	
Mean Deflection.	2·724			1·338		
Mean Temperature.....	84°4					

Horizontal Deflections of the Vertical Force Magnet (before being cleaned) by A·51.

Deflector placed	North end of Deflector.	Distance of Deflector in feet. 1·5 — Scale-reading.	Distance of Deflector in feet. 2·0 — Scale-reading.
On Eastern side	W	47·655	44·797
	E	36·405	39·420
	W	47·665	44·765
	E	36·440	39·297
	W	47·685	44·800
	E		39·322
Mean	W	47·668	44·790‡
Mean	E	36·422	39·365‡
Deflection.....		5·623	2·712
On Western side	E	37·450	40·112
	W	47·790	45·170
	E	37·467	40·122
	W	47·795	45·167
	E	37·480	40·130
Mean	W	47·792	45·168
Mean	E	37·466	40·121
Deflection.....		5·163	2·523
Mean Deflection		5·393	2·618
Mean Temperature....		87°0	

* There being no systematic difference between the first set of deflections with the small magnet on the eastern and western sides of the pillar, the observations were not repeated with the Deflector on the western side.

† The factor $\frac{2\ \text{cosec.}^3\ \beta}{2\ \text{sin.}^2\ \beta - \text{cos.}^2\ \beta}$ for reducing the observations at the side of the pillar is 2·967 or 1·898 at 1·5 feet or 2·0 feet distance respectively: and $2{\cdot}715 = 0{\cdot}915 \times 2{\cdot}967$, and $1{\cdot}315 = 0{\cdot}693 \times 1{\cdot}898$.

‡ In taking these means regard is paid to the division of the observations into two distinct series by the black line.

Disregarding the small difference of temperature, the effect of which would be considerably less than the probable errors of observation, and assuming θ the magnetic dip at 19° 20′ we have from these deflection results:—

$k = \frac{Fd}{V} = \cot^{\theta} \frac{u}{n}$, u being the Horizontal angle of deflection and n the Vertical deflection in Scale divisions,

$$= \text{cot. } 19°\ 20' \times \frac{0{\cdot}498}{2 \times 133{\cdot}94 \times \text{cos. } 3°\ 30' \times \text{cos. } 1°45'} \times 1{\cdot}00317 \left\{ \frac{5{\cdot}393}{2{\cdot}724} \text{ or } \frac{2{\cdot}618}{1{\cdot}338} \right\}$$

$= {\cdot}01054$ or ${\cdot}01042$ from deflections at 1·5 feet and 2·0 feet respectively or the mean $= {\cdot}01048$

The corresponding value of k given by the Vibration experiments is

$$k = a \text{ cot. } \theta \frac{T'^2}{T^2} = {\cdot}0008106 \times \text{cot. } 19°\ 20' \frac{(13{\cdot}93)^2 \times 1{\cdot}00317}{(7{\cdot}05)^2} = {\cdot}00892.$$

which is about one-seventh less than the value just found by the method of deflections.

The knife-edge was now carefully cleaned with oil and tripoli powder, and all rust removed from the Magnet, which was then coated with shellac dissolved in spirits of wine and approximately adjusted in its usual position, and afterwards again vibrated and deflected horizontally as before. The next operation was to adjust the instrument closely for regular observation, and when this was completed to repeat the vertical Vibration and Deflection experiments. And finally the edges of the enclosing box lying in contact with the marble slab on which it rests were coated with size, and the key which is used for raising and lowering the magnet being removed, the key-hole in the box was closed by glueing over it two or three layers of smooth paper with the object of rendering the enclosure thereafter approximately air-tight, and so freeing it from the hygrometric influences which apparently exercise so troublesome and injurious an action upon the instrument during the monsoon. Two small copper vessels, containing chloride of calcium, were also placed within the box for drying the surrounding air.

The results of the Vibration and Deflection observations after cleaning the instrument were as follows:—

Time of Horizontal Vibration.—Twelve independent intervals of 60 vibrations were observed to occupy 13 minutes and 50·6, 50·3, 51·0, 51·0, 51·3, 51·0,—49·9, 49·9, 50·4, 50·7, 50·9 and 50·5 seconds respectively, the mean being $13^m\ 50^s{\cdot}62$, whence the mean time of one vibration is $13^s{\cdot}844$ at temperature 89°4. The torsion coefficient was 1·00467.

Time of Vertical Vibration.—The mean value from 44 vibrations at temperature 87°6 with scale-reading about 36·14 was $11^s{\cdot}011$.

TABLE VII.

Vertical Deflections of the Vertical Force Magnetometer in its new adjustment (after being cleaned) by A·51.

North end of Deflector.	Vertical distance of Deflector in feet.			
	1·5		2·0	
	Position of Deflector.			
	Above.	Below and East.	Above.	Below and East.
	Deflection in Scale Divisions.			
Lowermost	7·564	2·621	3·771	1·986
	7·626	2·650	3·811	2·012
Uppermost	7·484	2·647	3·672	2·030
	7·507	2·675	3·664	2·022
Mean	7·545	2·648	3·730	2·012
* Mean corrected.	....	7·856	....	3·819
Mean Deflection	7·700		3·774	
Mean Temperature	87°2			

Horizontal Deflections of the Vertical Force Magnet (after being cleaned) by A·51.

Deflector placed	North end of Deflector.	Distance of Deflector in feet. 1·5	2·0
		Scale-readings.	
On Western side	E	43·205	45·825
	W	53·710	50·990
	E	43·170	45·825
	W	53·705	50·980
	E	43·190	45·840
Mean	W	53·707	50·985
Mean	E	43·188	45·830
Deflection		5·260	2·577
On Eastern side	E	42·740	45·620
	W	53·930	51·070
	E	42·710	45·602
	W	53·925	51·060
	E	42·770	45·610
Mean	W	53·927	51·065
Mean	E	42·740	45·611
Deflection		5·593	2·727
Mean Deflection		5 426	2·652
Mean Temperature		89°1	

* The same factors 2·967 and 1·898 apply here as in the former determination.

The value of one division of the horizontal scale being the same as before, we get from the Deflection experiments

$$k = \cot.\ 19^\circ\ 20' \times \frac{0{\cdot}498}{2 \times 133{\cdot}94 \times \cos.3^\circ 30' \times \cos.1^\circ 45'} \times 1{\cdot}00467 \left\{\begin{matrix} \frac{5{\cdot}426}{7{\cdot}700} \\ \text{or } \frac{2{\cdot}652}{3{\cdot}774} \end{matrix}\right.$$

$= {\cdot}003760$ or ${\cdot}003750$ from deflections at distances 1·5 feet and 2·0 feet respectively and the mean $= {\cdot}003755$

and the Vibration results give

$$k = {\cdot}0008106 \times \cot.19^\circ\ 20' \frac{(13{\cdot}844)^2 \times 1{\cdot}00467}{(11{\cdot}011)^2} = {\cdot}00367$$

It appears therefore that while the Bombay Vertical Force Magnetometer is in a clean state, it is almost indifferent whether the method of Vibrations or that of Deflections be resorted to for the determination of the Scale-coefficient, since the two processes give nearly the same results, for the difference between the numbers ·00375 and ·00367 is immaterial beside the irregularities of the instrument due to unknown causes or to influences whose effects cannot be numerically expressed. But, when the instrument is in its periodical faulty condition there is an apparent discordance in the results of the two methods, that of Vibrations having given, in the particular experiments described above, a value (·00892) about one-seventh less than that derived from Deflections (·01048). But this discrepancy may, I think, be partly explained in the following manner:—it is an observed fact that if the magnet, when in its faulty state, be slightly disturbed and the time of vibration observed, and then made to oscillate through a much larger arc and the time be again observed, the latter observation will be very sensibly greater than the former, and the bar will take up an altered position of rest, which is just what would occur if, while swinging rapidly through a considerable arc, the knife-edge of the magnet became partially freed from the obstruction which caused the gradual diminution of sensitiveness. Hence it is easily seen why the Deflection experiments which were made before the vertical vibration give a considerably larger coefficient (indicating less sensibility) than those of Vibration; the probability being that if the time of vertical vibrations of slight extent had been observed in the first instance, a coefficient would have been obtained thereby nearly, or quite as large as, that shown by the Deflection observations. It appears, therefore, that in the case of the Bombay instrument, to use the observed time of Vertical Vibration as a measure of the Scale-coefficient is not only allowable, but decidedly preferable to the adoption of a uniform coefficient; for while the two methods of determining the coefficient agree in showing that it is about two and a half times greater when the instrument has acquired its faulty state than it is when the knife-edge has been freshly cleaned, the disagreement of the two methods in the worse case extends only to one-seventh of the whole coefficient. The observations of Vertical Vibration have, however, been made but once a month, and it will be seen from the following list of the observed times, that the change between August and September is so large as to require frequent (perhaps daily) alterations of the Coefficient, and the only means now available for effecting these with approximation is the careful inspection and comparison of the mean daily deviations of the hourly observations (regardless of the direction of deviation) from the mean daily position of the magnet.

TABLE VIII.

Monthly Observations of the Time of Vibration, in seconds, of the Vertical Force Magnetometer, in the order January, February, &c. to December in the year 1864.

11·70	11·67	11·60	11·60	11·50	11·40	10·80	10·14	7·36	11·20	11·15	11·10

It is unfortunate that neither the dates nor the temperatures at which these observations were made have been recorded. From January to July, and for part of August, and from September 26th to December 31st, the times are sufficiently regular (though not uniform) to show that the Coefficients found from them will not deviate much from the truth; while for the remainder of August and onwards to the 25th September recourse must be had to the other means named above.

Now the time of Horizontal Vibration was found on December 31st, 1850, to be 13^s·00, and again in October 1865 to be 13^s·83; assuming as the torsion coefficient and temperature at the former date are not on record that they were the same in both cases, we have an annual increase of 0^s·056 in the time of vibration, and it is seen that a uniform value of T′ may safely be adopted through the whole of a single year, and that for the year 1864 this value will be 13·76. As in the case of the Bifilar, already treated, so here there is a small change in the magnitude of the Coefficient, with a change of Scale-reading. To estimate its amount we have by differentiating the following expression for k:—

$$k^* = \left\{ \frac{\tan.\epsilon + \cot.\theta}{\cos.\dot{\eta}} \cdot \frac{\cos.\epsilon}{\cos.(\epsilon - \dot{\eta})} \right\} a$$

in which ϵ is the angle included between the magnetic axis of the bar and the line joining the knife-edge and the centre of gravity of the magnet, θ is the magnetic dip, and $\dot{\eta}$ the depression below the horizontal direction of the north end of the magnetic axis of the bar.

$$\Delta k = k\{\tan.\dot{\eta} - \tan.(\epsilon - \dot{\eta})\}\Delta\dot{\eta}$$

$$\frac{\Delta k}{k} = \left\{ \tan.\dot{\eta} + \dot{\eta}\ \text{sec.}^2\epsilon - \tan.\epsilon \right\} \Delta\dot{\eta}\ \text{(nearly)}$$

and since $\dot{\eta}$ is a very small angle, $\Delta\dot{\eta}$ probably never exceeds 1°, and the value of ϵ given by the last determination of k is not greater than 60° 42′, the products of the first two terms into $\Delta\dot{\eta}$ may be rejected as insignificant in comparison with unity, when $\frac{\Delta k}{k} = -\tan\epsilon\,\Delta\dot{\eta} = -\Delta\dot{\eta} \times 1{\cdot}78$; and the alteration of Scale-reading which occurred in the whole of 1864 (about 20 divisions, or less than 1°) would occasion a change in the Coefficient to the extent of only one-thirty-fifth of the whole, which, considering that there is a degree of uncertainty arising from the imperfect and gradually changing state of the instrument, during a great part of the year, is too small a quantity to be taken account of. But if, as in some cases that actually occur in practice, ϵ had been negative in sign—that is, if the centre of gravity had been above the straight line drawn through the knife-edge parallel to the magnetic axis of the bar—and if it had also been a large angle, the proportion might easily have been much larger than one-thirtyfifth, when it would no longer have been right to use the same Coefficient for widely different Scale-readings.

In conclusion, for the months January to July and October to December 1864 the Scale-coefficient may safely be calculated by the formula:—

$$k = {\cdot}0008106\,\frac{(13{\cdot}76)^2 \times 1{\cdot}00317}{T^2}$$

T being the observed time of Vertical Vibration as recorded above.

* The complete expression for $\frac{d\,Y}{Y}$ contains terms involving $\frac{d\,X}{X}$ and $\frac{d\,M}{M}$ the former of which may be neglected while the latter requires a corresponding change of its coefficient, for a considerable change of scale-reading to that which is here found for k.

Temperature Coefficient.—The order in which it is purposed to effect the reduction of the accumulated body of Bombay Observations is to commence with the Declination, then to take up the Horizontal Force, and lastly the Vertical Force records, the latter of which, being both of less satisfactory character and more difficult of treatment than the observations of the two former elements, may well be deferred until what there is of value in these shall have been to some extent elicited. The Declination reductions are now considerably advanced, and an instalment will shortly be ready for publication. It is for this reason that, although the part of the process for finding the temperature coefficient of the Vertical Force Magnetometer that requires little computing skill is effected for several years, yet no result has yet been arrived at, since it seemed unadvisable to draw off the abler part of the computing force from the objects more immediately in view.

Deflection and Vibration Apparatus.

Description of Instrument, and Continuity of Observations.—The instrument that has been used for finding the intensity of the Horizontal Component of the earth's magnetic force in absolute measure, is of the kind described in Riddell's Magnetic Instructions, page 66, and the same method of observing with it appears to have been uniformly maintained since 1845, but the constants required for the reduction of the observations have been the same only since 1848, as in the previous year the suspended magnet in the Deflection experiment was changed for one of smaller size, and at the beginning of 1848 the Deflection distances were much diminished. The last seventeen years of published Observations, from 1848 to 1864, may therefore—excepting the uncertainty named below as to the occasional removal of the paper scale of the Unifilar—be regarded as comparable, and it remains only to point out to what extent they are correct as absolute measures.

Formula of Reduction.—This is

$$X = \frac{\pi}{t}\sqrt{\frac{2}{1+k}\frac{K}{R^3 \tan. u}}, \text{ in which}$$

X = the Horizontal Intensity.

π = 3·1416

t = the observed time of vibration corrected for Torsion Force of suspension thread.

K = moment of Inertia of the vibration magnet (A·51).

R = Distance apart (in feet) of the centres of the deflecting and suspended magnets.

u = the angle through which the suspended magnet is deflected:—and

k = the Torsion Coefficient of the suspension thread of the deflected magnet.

And, denoting by t' the actually observed time of vibration, this becomes—

$$X = \frac{\pi}{t'\left(1+\frac{k'}{2}\right)}\sqrt{\frac{2}{1+k}\frac{K}{R^3 \tan. (n \times 5' 23)}} \text{ nearly,}$$

n being the number of divisions in the observed deflection, 5′·23 the angular value of the middle division of the Scale, and k' the torsion coefficient of the suspension thread of the vibration magnet.

The rate of the Chronometer, the arc of vibration, and the change of temperature between the Deflection and Vibration experiments, are said to have been too small to affect the value of X appreciably, and have therefore not been recorded; neither has any correction

been applied for the effect of induction in increasing the strength of the magnet in the vibration experiment, nor yet has a value been sought of the quantity P—depending on the relative magnitude of, and distribution of magnetism in the deflecting and deflected magnets—in the factor $(1 + \frac{1}{2}\frac{P}{R^2})$, which should be used for correcting the values of X found by the above formula.

First, to examine the Constants :—

Moment of Inertia of Vibration Magnet.—K was found in 1845 to be equal to 2·254, and this value has been used without alteration up to the end of the year 1864. It was calculated from the observed times of vibration (t' and t) of the magnet when suspended successively with and without two cylindrical brass bars of known and nearly equal weight $(p+p')$ and of radius (c), by the formula

$K = \frac{r^2(p+p')}{\frac{T^2}{T'^2}-1}$ where r is the half-distance between the points of suspension of the two brass weights, $T^2 = t^2\,(1+k)$ and $T'^2 = t'^2\,(1+k' + \frac{\Delta X}{X})$

the corrections to t and t' being for torsion force of suspension thread, and for change of Horizontal Intensity in the interval between the two observations. In one respect this value of K is to a very considerable extent erroneous, and in another somewhat uncertain :—first as to the latter, the inertia weights hang by silk threads which pass into small grooves in the two ends of the magnet, and it would be impossible with any means existing in the Observatory to measure the interval between the two threads with very great accuracy, so that the adopted value of r (·1263 foot) may well be doubtful to the extent of ·01 inch ; this would affect the value of K by ·0131 of the whole, and thence that of X by ·0066 of itself. Secondly, to render the formula strictly correct r^2 should be multiplied by $\{1+\frac{1}{2}(\frac{c}{r})^2\}$, and in the particular case c was equal to ·0169 foot, whence $\{1+\frac{1}{2}(\frac{c}{r})^2\} = 1{\cdot}0090$, and the adopted value of K was ·0090 of itself too small : the deduced values of Horizontal Intensity are therefore too small by ·0045 of the whole, but as the error is constant it will be easy to apply the correction before making any practical use of the results.

Error of Distance Marks on Deflection Bar.—The interval between the distance marks on the scales attached to the wooden deflection rod was measured in September 1866, when it was found that the values of R as read in the scales require a correction of +·0021 foot ; the error arising from assuming R to be correct makes the force appear ·0027 of itself too great, and it is probable that it affects the whole series of observations, as there is no reason to suspect, although it is possible, that the deflection scales have been moved further apart, either accidentally or purposely, since the apparatus was mounted in 1845.

Arc Value of a Division of the Deflection Scale.—The angular value of a division of the Unifilar Scale was obtained from measurements made in 1846 of the Scale, and of its distance from the mirror of the suspended magnet ; the distance was 65·76 inches, and would probably be within ·05 inch of the truth : an error of this magnitude would affect the value of the Horizontal Force to the extent of less than ·0005 of the whole, while the calculation being carried only to the second place of decimals, and giving the value of one division at 5·23 instead of 5·2277, would allow an error of 0002. The length of a division of the Scale was 0·20 inch. The divided scale of the Deflection Apparatus is attached to a straight frame, while the formula is adapted to the case of a Scale bent into an arc of a circle whose centre

is in the mirror of the suspended magnet at a distance of one-third of the thickness of the glass in front of the silvered surface; hence d being the number of scale-divisions contained in the distance between the mirror and the scale, a correcting factor $(1-\frac{n^2}{3d^2})$ should be applied to n before inserting it in the formula, and with the mean values of n for 1864 (16·72 and 21·70) the calculated values of X are on the average ·0006 of the whole too small on this account.

Estimation of Probable Errors of Observational Quantities.—The quantities t' and n have been generally observed weekly throughout the year 1864, and k and k' occasionally:—t was derived from the time occupied by the magnet in making 200 or 300 oscillations, and depends upon two—the initial and final—observations only;—the observed interval may be liable to 0·5 second of error, the effect of which on the value of the force would be only about ·0005 of the whole: for the purpose of verification only the magnet was also observed at the 10th, 20th, and 50th and 100th vibrations. n has been always observed with the Deflector at two distances, 1·1 foot and 1·2 foot, and the probable error in reading the Scale would not affect a weekly determination of the force beyond the ratio ·0002. The error in setting the Deflector Magnet at the marked distances would probably not affect a complete weekly determination of the force by more than ·0003 of the whole. It appears to have been considered that as the quantities k and k' are generally small, their changes might be disregarded; and to this mistake are attributable some of the irregularities that appear in the 1864 determinations of Horizontal Intensity: the former practice of observing the Torsion Force with each set of Vibration and Deflection experiments has however latterly been resumed.

The Torsion Coefficient was obtained by the usual method of turning the Torsion Circle through 90° and observing the Deflection (a) in minutes produced upon the magnet; when $1+k = 1+\frac{a}{(90\times 60)-a}$

Summary of Errors and Uncertainties.—In the following table are brought together the errors and uncertainties which affect the determinations of Horizontal Intensity, as shown in the table of Deflection and Vibration Observations:—

TABLE IX.

	Source of Error or Uncertainty.	Ratio of Error or Uncertainty to the whole Horizontal Force.	Sum of Errors.
Constant Errors	From omission to consider the sensible diameter of the inertia cylinders	—·0045	—·0021
	From the absence of correction for induction in the Vibration experiments (about)	+·0005	
	From error in deflection distances (R)	+·0027	
	From want of precision in the calculated value of the middle division of the Deflection Scale	—·0002	
	From treating the scale-divisions as if they were parts of a circular arc instead of as being parts of a tangent (average error)	—·0006	
	From omission of the factor $(1+\frac{1}{2}\frac{P}{R^2})$	Undetermined	
Uncertainties in Constants.	From probable error in measuring the distance between the divided scale and the mirror.	·0005	
	From uncertainty in the determination of r in the Vibration Experiment with inertia weights	·0066	
Uncertainties in Variable Quantities.	From probable error in reading deflection scale	·0002	
	Ditto in setting the deflector at the marked distances	·0003	
	Ditto observation of t	·0005	
	From unfrequency of determinations of k and k'	Variable	

The magnitude of all these errors is such as would be quite inadmissible with an instrument of the kind now used in the best Observatories, and it is evident that the degree of precision attainable with modern instruments was not contemplated as requisite or practicable by the able originator,—the late Professor Orlebar,—of this series of observations. Nevertheless, the series of determinations being very numerous, and long and uninterruptedly continued, the estimated probable errors of observational quantities are small enough to show that it possesses great value, and this it will be the endeavour of the writer hereafter to extract and exhibit, when the whole body of observations of Horizontal Force and its variations comes under discussion. The aggregate constant error from all sources may most effectually be found by a comparison of the results of simultaneous observations, to be made hereafter with this apparatus, and with one that has been tested at the Kew Observatory, and is now on its way to Bombay.

Renewal of Deflection Scale.—It should be mentioned that some time in the year 1864, it is not known exactly when, the divided Scale of the deflection apparatus having become illegible, it was replaced by a Scale divided by hand, of which the average length of the divisions was found in September 1866 to be ·20054 inch. If similar substitutions, of which no record appears, have been made in previous years, a careful examination of the observations will probably render it apparent.

Fault of Deflection Bar.—Also the Deflection distance Bar was found to be capable of a motion bodily to and from the suspended magnet of about ·023 inch, but as much friction is sustained in the movement, no error is likely to have existed generally from this cause, since it would only be an accidental disturbance of the bar, occurring in the course of a deflection experiment, that would affect the result.

Dip Circle.

The instrument used for the Observations of Inclination is of an old pattern, by Barrow of London, without microscopes, and read off by the estimated intersection of the prolongation of the axis of the needle with the limb of the Circle. The needle—one only remaining, in a moderately clean state—is 6 inches long, and is reported frequently to have become rusted, so as to require its axle rubbing with fine emery paper: whatever, therefore, may have been the capabilities of the instrument in the first place, such treatment would effectually ruin it as a delicate Inclinometer, and no hope may be entertained of procuring a series of satisfactory dip observations of any considerable length, unless effective means be found of protecting the needle from the moist air which effects its oxydation during the monsoon. Special provision for this purpose is made in the appurtenances of a new Dip Circle now on its way from England. The state of the axle of the needle, both as to its figure and cleanliness, being by far the most important consideration in seeking satisfactory observations of Inclination, it will be seen that little value can be attached under the circumstances mentioned to the Bombay observations, which have from the first been regarded as doubtful in a very considerable degree. It does not follow, however, that they are absolutely worthless, nor even that their discontinuance is advisable until better means of observing are available, or until the actual value they possess has been ascertained. There is also a lesser defect in the instrument connected with the action of the lifting Y's, but in the face of the glaring fault just described it is not deemed necessary to allude to it further.

II. METEOROLOGICAL INSTRUMENTS.

Barometer.

Description.—A description of the Standard Barometer, No. 58, by Newman, appears in the Bombay Observations 1846, page LIII, and is correct in all respects excepting the height of the cistern, which ought to be 37 feet above the mean sea-level. But in the long period that has elapsed since that description was written there has been a gradual accumulation of scum on the surface of the mercury in the cistern, and the glass cistern has become more and more opaque, until at the present time the reflected image of the ivory Zero-point of the Scale is very obscurely seen, so that the operation of setting the zero of the scale is uncertain in a very sensible degree.

Determination of Error in setting the Zero-point of the Scale.—To determine the probable error from this cause the readings shown in the subjoined table were made by five different Observers and myself alternately: both the upper and lower setting screws were arbitrarily turned after each observation, to avoid the possibility of any bias towards uniformity, and the Zero-point was always adjusted before bringing the tangent plane into contact with the upper surface of the mercury in the tube.

TABLE X.—*Readings of Newman's Standard Barometer, No. 58, made to determine the probable Error of a setting of the Zero-point of the Scale by different Observers.*

Reading of Barometer No. 58.	Temperature.	Observer.	Mean of two successive readings by C. C.	Other Observer, *minus* C. C.	Mean Results.
29·931	85·4	C. C.			
29·928	85·5	K.	·928	·000	K—C. C. = —·002
29·925	85·6	C. C.			V—C. C. = —·003
*29·932	85·7	V.	·925	+·007	Chr—C. C. = +·010
29·924	85·6	C. C.			N—C. C. = +·019
29·922	85·7	V.			Ram—C. C. = —·007
29·922	85·7	V.	·925	—·003	
29·926	85·6	C. C.			
29·922	85·7	V.	·924	—·002	The initials refer to:—
29·921	85·6	C. C.			
29·926	85·8	Chr.	·917	+·009	C. C.—Mr. Chambers.
29·913	85·8	C. C.			N.—Mr. Naro Balerishna.
29·926	85·8	Chr.	·914	+·012	K.—Mr. Keshow Pandoorung.
29·914	85·8	C. C.			Chr.—Mr. Chrishnajee Gunesh.
29·932	86·0	N.	·912	+·020	V.—Mr. Vishnu Nilkunt.
29·910	86·0	C. C.			Ram.—Mr. Ram. S. Mogher.
29·926	86·1	N.	·908	+·018	
29·905	86·1	C. C.			
29·896	86·0	Ram.	·904	—·008	
29·903	86·3	C. C.			
29·898	86·1	K.	·903	—·005	
29·896	86·2	Ram.	·903	—·007	
29·904	86·3	C. C.			

* The Observer believed that he had in this instance read the vernier ·010 too high, in which case the result would agree exactly with his two other readings; but being doubtful the observation has been rejected in taking the means.

From the approach to regularity in the decrease of the readings by C. C., and from the general agreement with himself of each Observer on successive trials, as shown by the differences in Column 5, it may be inferred that ·005 inch would fully cover the doubt as regards any one Observer, while it is seen from the results in Column 7 that the personal error of the Observers is much larger, the maximum difference between any two being ·026 inch.

Now, although it is much to be regretted that steps were not taken many years ago to have one of the duplicate Barometers in store freed from this fault, as in that case the fruits of the same labour of observing would have had manifold greater value than under the actual circumstances, yet it must not be supposed that the observations, such as they are, are either worthless or even of only small value. For in the first place, as regards the actual errors of observation, it must be remembered that being repeated every hour, the observations are exceedingly numerous, and the compensation of errors consequently very complete, both with respect to Absolute daily, monthly, and annual Mean Pressures, and to the ordinary laws of diurnal and annual variation; and as regards personal errors they are reduced to a very minute average both in the daily, monthly, and annual absolute pressures, and in the mean diurnal variation for the year and for each quarter, while the mean diurnal variation for the several months of each year separately will be affected by them to their full extent for the reason that will now be stated. It has been the custom for the three Observers to make the observations in terms of four successive hours, each Observer commencing duty at the same hour A. M. and P. M. throughout a given month—during the next month his terms will commence four hours later, and so on, so that every three months there is a complete rotation of the system, and the mean of all the observations made, at any hour, in three months will be affected only by the *mean* personal error. It has also been the practice to set the Zero-point of the Barometer, except during times of unusual movement, only at the first hour of every observation term.

The mean personal error will be approximately found by comparison of simultaneous observations purposed to be made hereafter with No. 58, and a satisfactory instrument for preparing which means are now on their way from England. As regards the connexion between Barometric Oscillations of considerable magnitude and the movement of storms, the errors in question can have but trifling importance.

To avoid, however, the continuance of these errors, it was considered advisable to cease to use No. 58 for Absolute Observations, and to substitute for this purpose solely No. 51, a similar Barometer by the same maker, the mercury and cistern of which were rather cleaner than those of No. 58. The mean of 408 comparisons showed that No. 51 read ·011 inch higher than No. 58. The latter was accordingly suitably adjusted in May 1866, and after removing the lower adjusting screw the instrument was thenceforth used only for the measurement of variations of Atmospheric Pressure, a suitable table of capacity corrections being prepared and the corrections applied at the moment of entering the observations in the register.

Dry and Wet Bulb Thermometers.

The description of these thermometers given in the Bombay Observations 1846, Introduction pages LIV. and LXII., agrees with the appearance of the instruments still used for the hourly observations, but it is known that the Wet Bulb Thermometers, and very probable that the Air Thermometers, are not identical; for several broken instruments of the latter description can be traced, and some of these may have successively served in place of the present air thermometer, and one of the former description was broken in 1854. The difficulty of identifying them absolutely arises from their possessing no distinguishing marks or numbers with the exception of the maker's name, "Newman."

Determination of Errors of Graduation.—Their Freezing Points were tested in December 1865, by immersing the bulbs in melting ice, and at the same time were determined those of two standard Thermometers by Murray and Heath (divided on the glass stems), whose errors had been found at the Kew Observatory in June 1860, as follows:—

TABLE XI.

At Temperature	Kew Corrections in June 1860.		In December 1865.	
	Murray and Heath.		Murray and Heath.	
	No. 3.	No. 4.	No. 3.	No. 4.
			Kew Correction *minus* 0°·40.	Kew Correction *minus* 0°·45.
32°	—0°·1	—0°·1	—0°·50	—0°·55
42	0·0	—0·1	—0·40	—0·55
52	0·0	—0·1	—0·40	—0·55
62	—0·1	—0·1	—0·50	—0·55
72	0·0	—0·1	—0·40	—0·55
82	0·0	0·0	—0·40	—0·45
92	—0·3	—0·2	—0·70	—0·65

The fourth and fifth Columns show the corrections oberved in 1865 to be requisite at the freezing points, and also the Kew Corrections at the other points diminished by the same amount that the freezing points were found to have risen on the scales since 1860. Adopting these corrections the same two thermometers were now successively compared with the Dry and Wet Bulb Thermometers, by immersing them in a vessel of water, the temperature of which was successively raised and lowered, and the water kept in a state of constant agitation so as to maintain an equable temperature throughout the mass. The results of these comparisons give the following corrections for the Dry and Wet Bulb Thermometers:—

TABLE XII.

Corrections required to be applied to the Readings of the Dry and Wet Bulb Thermometers used in making the ordinary Hourly Observations.

Observed.				Adopted.			
Dry Bulb.		Wet Bulb.		Dry Bulb.		Wet Bulb.	
At Temperature.	Correction.	At Temperature.	Correction.	At Temperature.	Correction.	Between Temperatures.	Correction.
32°	—0°·2	32°	—0°·1	50°	—0·6°	44°	0°·0
56	—0·6	49	0·0	62	—0·7	53	—0·1
68	—0·7	51	0·0	88	—1·0	54	—0·2
71	—0·7	56	—0·2	and above.		56	—0·3
82	—0·7	59	—0·5			57	—0·4
94	—1·0	62	—0·6			58	—0·5
		72	—0·7			59	—0·6
		82	—0·8			67	—0·7
		94	—1·0			77	—0·8
						88 and above.	—1·0

The two standard Thermometers by Murray and Heath are evidently, from the regularity of their errors, of good character, so that much reliance may be placed upon these corrections; but for satisfaction it is purposed to repeat the determinations of the errors of Nos. 3 and 4 as soon as a Kew standard Thermometer shall be available for the purpose, and as the Kew Committee have generously signified their intention of placing one in my hands, these results will probably not have long to wait for confirmation.

Situation of Thermometers.—The Thermometers have been placed, since 1851, in a roomy shed 30 feet to the south-eastward of the Magnetical Observatory—with cadjan roof and open sides, supplied with shutter frames which are covered with bamboo matting, and swing on hooks vertically; the shutters are propped open at different elevations according to the prevailing strength of wind: the floor, which is of red earth, is raised a few inches to prevent any flow of rain into the inside of the shed during the wet season, and the eastern and western corners of the shed are protected by strips of bamboo matting against the ingress of direct rays of the sun in the morning and evening. The shed is 12 feet square, and 14 feet high to the highest point of the roof. The Dry Bulb Thermometer was suspended by a hook from the roof, with its bulb at a height of 4 feet above the middle of the floor; and the Wet Bulb Thermometer stood upon a light table, with its bulb 2 inches above the top of the table, and $2\frac{1}{2}$ feet from the ground.

For more effectually cutting off any direct breeze from the Wet Bulb Thermometer, and for the better protection of other thermometers in constant use from solar radiation, they were, early in January 1866, mounted on light wooden rods inside an open cage with venetian sides; the cage was supported by four corner posts which entered the ground, leaving its open bottom at a height of 3 feet, and the bulbs of both thermometers $4\frac{1}{2}$ feet from the soil; the dimensions of the cage are 3 feet square and 5 feet high, and the roof is completely closed; the position occupied by it is the middle of the old thermometer shed. This description of thermometer stand, which was devised by the late Mr. Welsh for the Kew Observatory, has been in use there for many years, and is found to afford a free circulation of air, and at the same time to answer well the other objects in view.

Regnault's and Daniell's Hygrometers.

Previous to the commencement of the present year (1866) these instruments were observed twice daily inside the Astronomical Observatory, more, apparently, for the sake of comparison with a pair of Dry and Wet Bulb Thermometers, similarly placed, than as a record of the hygrometric state of the air. Since then they have been observed in the Thermometer shed, and when a sufficient body of definite observations is accumulated the relation between the results of the three different methods of observation may be investigated. None of the observations hitherto made have been published.

Ground Thermometers.

No attempt has been made to find the errors of graduation, nor any alteration that may have taken place in the capacity of the bulbs of any of the thermometers used for measuring the temperature of the soil. Neither is it purposed to interfere with the instruments in such a way as to break the continuity of the series of observations until the Observatory computing establishment is in a position to take up the reductions without setting aside what appear to be more pressing claims on its limited powers. The construction and situation of the instruments is described in the Bombay Meteorological Observations 1851, Introduction page v; those observed in 1864 had their bulbs at the respective depths of 1, 9, 20, and 60 inches.

Anemometer.

Osler's Anemometer, which has furnished the directions and pressures of the wind recorded in this volume, is described in the Bombay Observations, 1847, Part II, Introduction page x. Its situation is still unaltered, but in the latter part of 1858 the erection of a tower for the Time-signal Ball cut off the direct action of the wind when blowing from the eastward. The horizontal angle subtended by the tower at the Anemometer is about 28°, and the elevation of the tower above the Wind Vane is about 26°. At present both the Direction Vane and the Pressure Plate are far from delicate in their action, nor, so far as I can learn, have they been in a better state during many years, perhaps never; consequently the records must be regarded as omitting all account of light winds, which fail to produce any response from the instrument. The direction of the wind has also been estimated by the Observers at the regular hourly terms, but as the observation was made from the ground, where the obstructions to the free course of the wind are too considerable to be disregarded, and as it was the practice to refer to and depend chiefly upon the observed position of the Osler's Wind Vane, no advantage would be gained by the substitution of these observations. To remedy the deficiency as to good anemometric records, a Robinson's Anemometer, with Beckley's improvements, has been constructed, under the superintendence of the Kew Committee, and is now on its way to Bombay.

Rain Gauges.

Newman's Gauge, which is similar to that described on page xii. of the Introduction to the Bombay Observations, 1847, Part II., was placed near the southern wall of the Magnetical Observatory, with its circular mouth raised 4½ feet above the ground. The roof of the Observatory having an elevation of about 32° above the mouth of the gauge in that position, it was considered advisable to remove it to a more open spot, where no obstructions would lie within a considerable distance of it, and this was accordingly done before the commencement of the rains of 1866, some trees that lay in the immediate neighbourhood having been cut down to prepare the new place.

Measurements made in May 1866 showed the mean diameter of the exposed surface to be 12·008 inches, and the diameter of the cylindrical vessel in which the rain is collected to be 5·732 inches, while the length of 4 units of the scale attached to the float was 17·18 inches; hence a rise of 1 unit of the Scale corresponds to a fall of $\frac{17\cdot18}{4}\times\left(\frac{5\cdot732}{12\cdot008}\right)^2 = 0\cdot979$ in. of Rain. To test this result, water at temperature 86°4 was drawn off from the gauge until the reading of the scale was diminished by 0·35, and this quantity was found to weigh 9720·0 grains: then, as one cubic inch of water at temperature 62° weighs 252·458 grains, and as the volume at 62° is to that of the same weight of water at 86°4 as 1 to 1·00325, and the diameter of the exposed surface being 12·008 in., we have

$$\text{one unit of scale} = \frac{9720\cdot0 \times 1\cdot00325}{252\cdot458 \times \left(\frac{12\cdot008}{4}\right)^2 \times 3\cdot1416 \times 0\cdot35} = 0\cdot975 \text{ in.}$$

Common water was used instead of distilled water, but this would have but a trifling influence on the result. The mean of the two determinations is 0·977, which may be adopted as a factor for converting the recorded rainfall into absolute measure in inches. No correction has been applied to the printed numbers, in obtaining which one inch has been assumed as the value of a unit of the scale. Newman's Gauge when quite empty requires that 0·05 inch of rain should fall before the float is raised from contact with the bottom

of the vessel, and the scale begins to rise: after 1865 the precaution was therefore taken, when letting off the water, to retain sufficient to keep the scale-reading at 0·05, which was thereafter adopted as the most convenient zero of the scale, and which reading was maintained during intervals of dry weather, when from evaporation the scale would otherwise have fallen below this, by pouring water into the gauge.

In May 1866 Osler's Rain Gauge exposed a surface of 197·87 square inches, the rectangular shape of which had become somewhat distorted. Its arrangement and situation are described in the same place with the Newman's Gauge. The weight of water at temperature 85° contained in the glass receiver when the syphon began to act was found to be 12240·8 grains; whence this quantity, which was assumed to correspond, by the construction of the instrument, to 0·25 inch of rain, was really equal to $\frac{12240{\cdot}8 \times 1{\cdot}00301}{252{\cdot}458 \times 197{\cdot}87} = 0{\cdot}2458$ inch, and the factor for converting the recorded quantities into absolute inches is 0·983. This has not been applied. There is a slight deficiency in the aggregate rainfall as shown by this instrument in consequence of the continued flow of water during very gentle rains over to the inner surface of the longer leg of the syphon, caused by capillary action, immediately before the vessel is filled sufficiently to bring the syphon into action. And although the indications of the instrument are perfectly distinct, every time the vessel is emptied, they are, owing to friction of the measuring vessel, far from proportional to the quantities of rain contained in the vessel in the process of filling, so much so that, after emptying, nearly 0·1 inch of rain must fall before the recording pencil begins to move. Hence the aggregate falls for short intervals may be to a small extent doubtful, but as it has always been the practice for the Observer to read once a day the quantity of rain collected in the glass receiver, the daily aggregates, and thence the monthly and yearly aggregates are thus rendered reliable.

Since the erection of the Time Ball Tower in 1858 the same objection attaches to the situation of Osler's Rain Gauge as to that of the Anemometer, the tower acting as an obstacle to the straight course of both wind and rain when the former proceeds from an easterly direction, but as easterly winds are very unfrequent during the rainy season the error in the rainfall from this source must be very small.

Tide-Gauge.

In consequence of a breach in the iron pipe connecting the Tide-house with the sea, no tidal records were obtained in the year 1864.

Atmospheric Electrometer.

Owing to defective insulation, Ronald's Electrometer rarely showed signs of a difference of tension between the Air and the Earth; and the occasional records, which possess little value, can only be regarded as indicating the tension of a portion of a circuit whose conducting power varied with every hygrometric change of the atmosphere, when the difference of tension between the two extremities was very high, the resistance of the circuit being great enough, although not infinite, to prevent an instantaneous discharge. The positive and negative signs attached to the hourly observations were not determined experimentally, and are therefore not to be depended upon; for this reason no signs were given with the occasional observations on pages 250 to 259, which were not yet in type when the work of preparation for the press fell into the writer's hands, and which, although failing to meet the purposes of the designer of the apparatus, may yet be of interest as affording a rough indication of the electrical state of the atmosphere at the times to which they refer. The general rule adopted as to the signs was to attach a *plus* sign in fine weather, and a *minus* sign during thunderstorms and rain.

Description of the Records of Magnetical Observations.

Hourly Observations.—At pages 1 to 124 are given for every observation hour from January 1st to December 31st the calculated values of Easterly Declination, obtained as before explained, and the simple readings, as entered in the register at the moment of observation, of the Large Horizontal Force and Vertical Force Magnetometers, with the corresponding temperature readings. Increasing Scale-readings of the respective magnetometers denote increasing horizontal force and increasing vertical force. The names of the Observers, to which the initials in the table refer, have already been given (*see* page xxvii).

Inclination and Horizontal Intensity.—The Observations of Inclination given in detail in pages 133 to 135, need no explanation, beyond the headings of the several columns of numbers; neither do those of Deflection and Vibration on pages 136, 137, with the exception of the columns headed "Torsion Coefficient," the first of which (k') refers to the suspension thread of the Vibration Magnet, and the second (k) to that of the Deflected Magnet, and the column marked LM the numbers under which represent the quantity (so to speak) of free magnetism in *one* pole multiplied by its distance from the centre of the vibration magnet (A·51), or half the magnetic moment of the bar.

Magnetical Disturbances.—The Disturbance Observations on pages 125 to 131 correspond exactly to the regular hourly observations, except in their being repeated at shorter intervals, and in the readings of the small Declinometer and small Horizontal Force Magnetometer being also recorded. These being essentially differential observations, it is needless to refer particularly to the approximately constant difference existing between the readings of the large and small Declinometers, both of which are reduced by similar formulæ.

Term Observations.—The Term Observations, depending entirely for their usefulness upon the co-operation of other observatories, have been withheld, and the practice of making them discontinued: the combined action appearing no longer to exist, no object can be gained by continuing the observations, and a sufficiently large body is already accumulated for examination with relation to the purposes for which the system was devised.

Tables of Results of Magnetical Observations.

For the reason already specified these are confined, for 1864, to the Daily, Monthly, and Annual Means of Easterly Declination, and to the Hourly Means for each month, and mean diurnal variation for the year of the same element. They are shown in Tables I. and II. To them is added, for the period from 1845 to 1864, a table (III.) showing the annual mean declination and annual change of declination, as deduced from the readings of the Large Declinometer.

Description of the Records of Hourly Meteorological Observations.

These appear in order, in pages 1 to 247 of Part II., for the whole of the year 1864, and the following explanatory remarks may be useful where the headings of the several columns do not fully describe the subscribed numbers.

The height of the Barometer, in Column 2, is the reading of Newman's Barometer No. 58 reduced to temperature 32°, and the numbers in Column 3 are equal to those in Column 2 diminished by the pressure of moisture shown in Column 8.

The Dry and Wet Bulb Thermometers, whose simple readings are given in Columns 4 and 5, have already been alluded to, and the mode of calculating the Dew-point, Pressure of Moisture, and Humidity of Air (Columns 7, 8, and 9) is shown below (page xxxv).

The temperature of the ground at one and nine inches* depth is given in simple readings of the Thermometers.

The direction and pressure of the wind is read off directly from the curve described on the recording paper of Osler's Anemometer.

The quantities of rain which fall between a particular hour and the next following hour are entered opposite the latter hour.

The Electrical Observations have been remarked upon above (page xxxii).

The proportion of cloudy sky, the whole celestial hemisphere being reckoned as 8, is estimated by the Observer, and is entered in Column 19.

The numbers entered in Column 21 as the mean daily temperatures of the ground at 20 and 60 inches depth, are the readings of the respective thermometers at 1 P.M.; it had been found by hourly readings in 1849, 1850, and 1851, that no appreciable diurnal variation of temperature reached the depth of 20 inches.

The occasional observations of atmospheric electricity given in pages 250 to 259 need no special remark, except that they were made on all occasions when the indicators showed signs of activity.

Description of the Tables and Summaries of Meteorological Results, and of the Processes of Reduction.

Height of Barometer.—In Table IV. is shown, for each observation day in the year, the mean of twenty-four hourly observations reduced to temperature 32° Fahrenheit, by means of Table II., given in the Royal Society's "Report of the Committee of Physics;" also the mean height for each month and for the whole year, and the excess of each monthly mean over the annual mean: the principal features of the annual variation are also indicated at the foot of the table.

A further correction of + ·006 inch is required, for capillarity (the inner diameter of the tube, which is supposed to be unboiled, being 0·53 in.), to convert the results into Absolute Pressures, but as no correction on this account appears to have been applied in former years, the values are still given uncorrected for the sake of retaining the advantage of comparability of different years.

In Table V. is shown the excess of the mean of all the observations made at a given hour in a given month over the mean of the observations made at all hours in the same month, for every hour of the day and for every month of the year: also the excess of the mean of all the observations made at a given hour in the whole year over the mean of the observations made at all hours throughout the year, for every hour of the day; the principal features of the mean diurnal variation of the Height of the Barometer for the year are also indicated at the foot of the table.

* The headings of temperatures at nine inches depth are printed by mistake as at "6 inches depth" from January 1st to October 18th, 1864, and throughout 1863.

Temperature of the Air, &c.—The above description of Tables IV. and V. will serve also to explain Tables VI. and VII., X. and XI., XII. and XIII., XV. and XVI., XVII. and XVIII., XIX. and XX., and XXVIII. and XXIX., by substituting "Temperature of Air," "Temperature of Evaporation," and the respective subjects of the several tables, for "Height of Barometer." The same description includes an explanation of the less extensive Tables VIII. and IX. As the errors of graduation of Thermometers were unknown, no corrections have been applied to any of the temperature observations or results recorded in this volume, but the errors of the Air Thermometer and Wet Bulb Thermometer, found in December 1865, and given in the Introduction page xxix, may be applied retrospectively, as the instruments are the same that were in use in 1864.

Pressure of Vapour, Dew-point, and Relative Humidity of Air.—The pressure of vapour was calculated by the formula

$$f''=f'-\cdot01147\,(t-t')\times\frac{29\cdot8-f'}{30}$$

which for all cases occurring during the year when the depression of the Wet Bulb Thermometer was not greater than 20° gives values of f'' within ·003 in. of those obtained by the use of the correct Apjohn's formula, in which the actual height of the Barometer takes the place of 29·8. In this formula t and t' denote the temperatures of the Air and of the Wet Bulb Thermometer respectively, and f'' and f' represent respectively the elastic force of aqueous vapour at the temperature of the Dew-point and at temperature t'. The values of the elastic force of aqueous vapour at different temperatures were obtained from a table given in the Introduction to the Bombay Meteorological Observations for 1847, page VIII; this table was constructed according to the formula of Biot for the determination of the constants, in which the experiments of Dalton had furnished the requisite data. By a simple reference to this table, with the value of f'' found as above, the corresponding temperature was extracted and entered in the register as that of the Dew-point. To find the Relative Humidity of the Air, the elastic force of vapour was taken from the table corresponding to the temperatures of the Air and of the Dew-point respectively, and the latter number was divided by the former.

Monthly and Annual Range of Variation of Meteorological Elements.—Table XIV. shows the extreme limits between which the oscillations of the undermentioned elements were confined in each month, and in the whole year; and also the magnitude of the interval enclosed by those limits: viz. of Height of Barometer, Temperature of Air, Temperature of Evaporation, and Temperature of Dew-point.

Fall of Rain.—Tables XXI. and XXIII. show the Total Fall of Rain for every day in the year, for each month, and for the whole year, as measured by gauges placed respectively 4½ feet and 26 feet above the ground. The day is reckoned from 11 P.M. to 11 P.M., and was so reckoned in former years, although in previous volumes it was called by mistake the day of Bombay Civil Time.

Tables XXII. and XXIV. show for the same two gauges respectively, the Total Fall between a given hour and the next following hour throughout a given month, and this for every hour in the day and every month in the year: also the Total Fall between a given hour and the next following hour throughout the whole year, and this for every hour in the day. In corresponding tables in previous volumes of the Bombay Observations the day is made to commence at 11 P.M. To convert this into the civil day all that is necessary is

to transfer the first line of figures to the bottom, although it is of little consequence when it is distinctly known to which hour each number corresponds.

From measurements made in May 1866 it was found that to obtain the true rainfall from the indications of Newman's and Osler's Gauges they should be multiplied by 0·977 and 0·983 respectively.

Aggregate and Mean Force of Winds Blowing from each different direction.—To form Table XXV. all the observations of direction of the wind in a given month were classed under some one or divided between two of the eight principal directions, N, NE, E, &c. by adding, for instance, to the number of hourly observations of North wind, the number of N by E and N by W winds, and half the number of NNE and NNW winds; to the number of hourly observations of NE wind the number of NE by E and NE by N winds, and half the number of NNE and ENE winds, and so on for each of the eight points. Again, all the hourly pressures observed during the month having been distributed to their respective directions, and added together for each direction by itself, there were thus obtained thirty-two sums, which were divided, in the same manner as the numbers of observations, among the eight principal points. In compiling this table, all observations of which the pressure was less than 0·1 lb. were wholly rejected. This table, therefore, exhibits first, the *aggregate* force of the winds which blew during the whole of each month, and during the whole year from each of the eight principal directions; secondly, the number of times that each different wind (as to direction) was observed in the whole month and in the whole year; and thirdly, the average strength of the wind from each different direction, the last being got by dividing each aggregate force by the corresponding number of observations.

Table XXVI. shows for each hour of the day the aggregate force of the winds which blew from each different direction during the whole year; and Table XXVII. shows, also for each hour of the day, the aggregate number of times that the wind was observed to blow from each different direction in the course of the whole year.

In other words, Table XXV. points out the relative frequency of a particular wind (as to direction) in the different months of the year; and the relative frequency of different winds in the same month; and Table XXVII. the relative frequency of the same wind at different hours of the day, and of different winds at the same hour; the corresponding relations of the aggregate forces are indicated by Tables XXV. and XXVI.

In Table XXX. are specified all the days in the year when the wind veered to an extent exceeding 135°; also the initial and final directions and the angle enclosed between them, and in Table XXXI. is shown for each month and for the whole year the excess, derived from the previous table, of the rotations of the wind in the direction N, E, S, W, N (or direct) over those in the direction N, W, S, E, N (or retrograde). Table XXXII. is a collection of all the observations taken in the year 1864 in which the wind blew with a force exceeding 1 lb. on the square foot.

The remaining Tables require no explanation, beyond their titles and the headings of the several columns.

BOMBAY GOVERNMENT OBSERVATORY.

MAGNETICAL OBSERVATIONS.

1864.

DAILY OBSERVATIONS, FROM 1ST TO 4TH JANUARY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.	'						h. m.
JAN. 1ST-Noon.	36'747	22.06	79°5	20.48	78°7	B	4 12 p. m.
1	36.130	21.95	78.6	20.52	78.7	B	5 12 ,,
2	36.130	21.95	78.0	20.70	78.1	B	6 12 ,,
3	36.061	22.01	77.5	20.95	77.5	B	7 12 ,,
4	36.199	22.04	77.2	21.00	77.2	B	8 12 ,,
5	35.787	22.15	77.0	21.00	77.0	G	9 12 ,,
6	35.924	22.02	76.2	20.85	76.5	G	10 12 ,,
7	35.787	22.45	75.4	20.94	76.0	G	11 12 ,,
8	35.513	22.65	74.8	21.14	75.6	G	Midnight.
9	35.513	22.68	74.3	21.17	75.3	C	1 12 a. m.
10	35.924	22.58	74.2	21.19	75.0	C	2 12 ,,
11	35.993	22.70	73.5	21.36	74.6	C	3 12 ,,
12	35.787	22.83	73.0	21.49	74.0	C	4 12 ,,
13	35.650	22.80	73.3	21.60	73.6	B	5 12 ,,
14	35.238	22.97	73.1	21.56	73.5	B	6 12 ,,
15	35.032	23.05	72.9	21.60	73.3	B	7 12 ,,
16	35.238	23.05	73.5	21.55	73.3	B	8 12 ,,
17	35.650	23.05	74.8	21.50	74.0	G	9 12 ,,
18	35.993	22.97	76.4	21.38	74.6	G	10 12 ,,
19	35.238	22.96	77.3	21.02	75.7	G	11 12 ,,
20	34.484	22.75	78.0	20.80	76.4	G	Noon.
21	34.484	22.80	78.5	20.54	77.0	C	1 12 p. m.
22	35.170	22.89	79.0	20.45	77.5	C	2 12 ,,
23	35.513	22.58	79.6	20.32	78.1	C	3 12 ,,
JAN. 3RD-Noon.	35.718	22.25	79.1	20.30	79.0	C	4 12 ,,
1	35.650	22.22	78.4	20.45	78.3	B	5 12 ,,
2	35.718	22.25	77.5	20.65	77.6	B	6 12 ,,
3	35.444	22.21	77.2	20.75	77.5	B	7 12 ,,
4	35.238	22.29	77.0	20.85	77.1	B	8 12 ,,
5	35.238	22.35	76.8	21.00	76.8	G	9 12 ,,
6	35.238	22.40	76.5	21.00	76.5	G	10 12 ,,
7	35.444	22.41	76.1	21.02	76.3	G	11 12 ,,
8	35.170	22.50	75.7	21.10	76.0	G	Midnight.
9	34.895	22.60	75.0	21.10	75.6	C	1 12 a. m.
10	34.895	22.75	74.4	21.15	75.2	C	2 12 ,,
11	34.758	22.80	74.4	21.28	75.1	C	3 12 ,,
12	34.689	22.85	74.0	21.33	74.9	C	4 12 ,,
13	34.689	22.95	73.8	21.35	74.5	B	5 12 ,,
14	35.032	23.05	73.7	21.38	74.3	B	6 12 ,,
15	34.552	23.10	73.5	21.55	74.0	B	7 12 ,,
16	34.895	23.24	73.6	21.50	74.0	B	8 12 ,,
17	36.061	23.20	74.7	21.44	74.1	G	9 12 ,,
18	35.238	23.29	75.8	21.28	74.7	G	10 12 ,,
19	34.552	23.29	76.6	21.00	75.0	G	11 12 ,,
20	34.278	23.15	77.0	21.00	75.5	G	Noon.
21	33.935	22.90	77.8	20.74	76.1	C	1 12 p. m.
22	34.484	22.67	77.6	20.72	76.5	C	2 12 ,,
23	34.964	22.55	78.0	20.65	77.2	C	3 12 ,,
JAN. 4TH-Noon.	35.513	22.29	78.2	20.50	78.0	C	4 12 ,,
1	34.895	22.19	77.5	20.60	77.5	B	5 12 ,,
2	35.238	22.13	76.5	20.85	77.0	B	6 12 ,,
3	35.513	22.20	76.1	20.95	76.4	B	7 12 ,,
4	35.307	22.20	75.7	20.95	76.0	B	8 12 ,,
5	35.444	22.25	75.5	21.02	75.7	G	9 12 ,,
6	35.170	22.41	75.0	21.10	75.5	G	10 12 ,,
7	35.307	22.50	74.4	21.12	75.0	G	11 12 ,,
8	36.130	22.85	74.0	21.46	74.7	G	Midnight.
9	36.130	22.88	73.9	21.50	74.6	C	1 12 a. m.
10	36.199	22.77	73.5	21.52	74.1	C	2 12 ,,
11	34.964	22.98	73.0	21.55	73.8	C	3 12 ,,

DAILY OBSERVATIONS, FROM 5TH TO 6TH JANUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
JAN. 4TH—12	34·689	23.08	72°6	21.69	73°4	C	4 12 a. m.
13	35.032	23.08	72.1	21.85	73.0	B	5 12 ,,
14	34.484	23.20	72·1	21.90	72·8	B	6 12 ,,
15	34.415	23.15	72.2	22.05	72·5	B	7 12 ,,
16	34.964	23.03	72.6	22.20	72.6	B	8 12 ,,
17	35.924	23.00	73.8	22.02	73.0	G	9 12 ,,
18	36.885	23.00	74.7	21.92	73.5	G	10 12 ,,
19	36·106	23.00	75.8	21.20	74.1	G	11 12 ,,
20	35.513	22.90	77.0	20.67	75·5	G	Noon.
21	34.895	22.75	77.4	20.55	75.9	C	1 12 p. m.
22	35.307	22.62	77.8	20.70	76.6	C	2 12 ,,
23	36.061	22.43	77.8	20·88	77.0	C	3 12 ,,
JAN. 5TH-Noon.	36.199	22.30	77.3	20.91	77.2	C	4 12 ,,
1	35.718	22.21	76.5	20.95	76.6	B	5 12 ,,
2	35.718	22.25	75·3	21.15	75.6	B	6 12 ,,
3	35.856	22.40	75.0	21.30	75.0	B	7 12 ,,
4	35.856	22.35	74.5	21.45	74.4	B	8 12 ,,
5	35.444	22.50	74.0	21.50	74.2	G	9 12 ,,
6	35.513	22.50	73.8	21.58	74.0	G	10 12 ,,
7	35.238	22.70	72.9	21,75	73.6	G	11 12 ,,
8	35.513	23.00	72.2	21.85	73.3	G	Midnight.
9	35.513	23.06	72.0	21.89	73·1	C	1 12 a. m.
10	34.895	23.06	71.4	21.94	72.5	C	2 12 ,,
11	34.689	23.28	70.9	22.20	72.0	C	3 12 ,,
12	34.484	23.42	71.4	22.24	72.0	C	4 12 ,,
13	33.798	23.25	71.2	22.34	71.5	B	5 12 ,,
14	33.798	23.35	71.0	22.25	71.3	B	6 12 ,,
15	33.660	23.48	70.6	22.50	71.0	B	7 12 ,,
16	34.072	23.44	71.3	22.62	71.0	B	8 12 ,,
17	35.307	23.35	72.4	22.50	71.9	G	9 12 ,,
18	35.513	23.39	73.7	22.28	72.5	G	10 12 ,,
19	34.552	23.30	75.0	21.92	73.1	G	11 12 ,,
20	34.415	23.09	76.5	21.30	74.1	G	Noon.
21	34.552	22.69	77.6	20.75	75.7	C	1 12 p. m.
22	34.689	22.42	78,7	20·60	77.0	C	2 12 ,,
23	35·170	22.17	79.0	20.60	77.4	C	3 12 ,,
JAN. 6TH-Noon.	35.170	22.12	78.9	20.64	77.6	C	4 12 ,,
1	35.307	22.06	78.0	20.85	77.2	B	5 12 ,,
2	35.170	22.08	77.0	21.00	76.6	B	6 12 ,,
3	35.444	22.11	76.2	21.25	76.2	B	7 12 ,,
4	35.307	22.12	75.6	21.35	75.7	B	8 12 ,,
5	35.238	22.21	75.2	21.40	75.2	G	9 12 ,,
6	35.238	22.37	74.7	21.46	75.0	G	10 12 ,,
7	35.444	22.55	74.0	21.50	74.6	G	11 12 ,,
8	35.513	22.70	73.6	21.64	74.3	G	Midnight.
9	34.964	22.69	73.2	21.79	74.0	C	1 12 a. m.
10	34.964	22.83	72.8	21.93	73.7	C	2 12 ,,
11	34.209	22.97	72.4	21.94	73.3	C	3 12 ,,
12	34.003	22.92	72.2	21.98	73.0	C	4 12 ,,
13	34.141	23.00	71.7	22.00	72.6	B	5 12 ,,
14	34.141	23.20	71.5	22.06	72.1	B	6 12 ,,
15	33.935	23.25	71.5	22.25	72·0	B	7 12 ,,
16	34.141	23.40	71.9	22.46	72.0	B	8 12 ,,
17	34.837	23.39	72.8	22.52	72.7	G	9 12 ,,
18	34.964	23·30	74.1	22.12	73.0	G	10 12 ,,
19	34.621	23.27	75.4	21.80	73.9	G	11 12 ,,
20	34.484	23.14	77.0	21.17	75.0	G	Noon.
21	34.689	22.77	78.1	20.90	76.1	C	1 12 p. m.
22	34.346	22.52	79.0	20.60	77.2	C	2 12 ,,
23	34.415	22.33	79.8	23·00	78.4	C	3 12 ,,

DAILY OBSERVATIONS, FROM 7TH TO 10TH JANUARY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JAN. 7TH-Noon.	34·209	22.25	80°4	20.40	79°0	C	4 12 p. m.
1	34.484	22.31	79.0	20.70	78.4	B	5 12 ,,
2	34.689	22.40	77.5	21.35	77.1	B	6 12 ,,
3	34.689	22.45	76.6	21.55	76.5	B	7 12 ,,
4	34.964	22.40	76.3	21.65	76.1	B	8 12 ,,
5	34.837	22.47	76.0	21.70	75.9	G	9 12 ,,
6	34.964	22.59	75.4	21.78	75.5	G	10 12 ,,
7	34.552	22.89	75.4	21.80	75.5	G	11 12 ,,
8	34.689	22.71	75.0	22.00	75.2	G	Midnight.
9	34.758	22.68	74.6	22.00	75·0	C	1 12 a. m.
10	34·141	22.85	74.0	22.17	74.5	C	2 12 ,,
11	34.895	22.97	73.4	22.29	74.1	C	3 12 ,,
12	34·552	23.10	73·1	22.13	73.9	C	4 12 ,,
13	34.415	23.10	73.0	22.30	73.4	B	5 12 ,,
14	34.141	23.30	72.5	22.25	73.0	B	6 12 ,,
15	34.346	23.40	72.5	22.40	73.0	B	7 12 ,,
16	34.621	23.36	73.1	22.50	73.0	B	8 12 ,,
17	35·650	23.40	74.4	22.42	73·5	G	9 12 ,,
18	36.199	23.35	75.8	22.00	74·4	G	10 12 ,,
19	35·993	23.25	77.4	21.37	75·5	G	11 12 ,,
20	34.837	22.95	78.7	20.92	76.4	G	Noon.
21	34.964	22.75	79.6	20.79	77.7	C	1 12 p. m.
22	35.101	22.51	80.2	20.60	78.6	C	2 12 ,,
23	35.375	22.34	80.9	20.55	79.4	C	3 12 ,,
JAN. 8TH-Noon.	35.444	22.16	81.3	20·50	80.2	C	4 12 ,,
1	34.964	22.05	80.5	20.80	79.4	B	5 12 ,,
2	35.101	22.08	78.5	21.25	78.2	B	6 12 ,,
3	35.444	22.10	77.6	21.35	77.5	B	7 12 ,,
4	35.307	22.05	77.1	21.55	77.0	B	8 12 ,,
5	35.238	22.30	76.8	21·70	76.8	G	9 12 ,,
6	35.650	22.55	76.5	21.82	76.2	G	10 12 ,,
7	35.170	22·64	76.0	21.90	76.0	G	11 12 ,,
8	35.307	22.66	75.2	21.92	75.5	G	Midnight.
9	35.238	22.66	74.9	21.94	75.2	C	1 12 a. m.
10	35.170	22.80	74.5	21.99	75.1	C	2 12 ,,
11	34.621	22.97	74.0	22.00	74.8	C	3 12 ,,
12	34.964	23.08	73.6	22.05	74.4	C	4 12 ,,
13	34.837	23.05	72.9	22.25	73.6	B	5 12 ,,
14	34.415	23.28	72.5	22.25	73.2	B	6 12 ,,
15	33.523	23·60	72.3	22.35	72.8	B	7 12 ,,
16	33.592	23.85	73.0	22.35	72.9	B	8 12 ,,
17	33.866	24.05	73.9	22.12	73.5	G	9 12 ,,
18	34.072	23.85	75.5	21.84	74.0	G	10 12 ,,
19	33.455	23.67	76.3	21.62	74.8	G	11 12 ,,
20	34.621	23.45	78.0	21.52	76.0	G	Noon.
21	35.513	22·96	79.0	21.22	77.1	C	1 12 p. m.
22	35.650	22.56	79.9	20.85	78.2	C	2 12 ,,
23	35.718	22.22	80.7	20.51	79.3	C	3 12 ,,
JAN. 10TH-Noon.	35.032	22·25	81.0	20.60	79.5	B	4 12 ,,
1	35.032	22.27	79.8	20.95	79.1	B	5 12 ,,
2	35.375	22.42	78.3	21.30	78.2	B	6 12 ,,
3	35.375	22.44	77.5	21.55	77.4	B	7 12 ,,
4	35.513	22.59	76.9	21.65	77.0	B	8 12 ,,
5	35.375	22.62	76.4	21.72	76.5	G	9 12 ,,
6	35.513	22·80	76.0	21.80	76.2	G	10 12 ,,
7	35.375	22·92	75·8	21.92	76.0	G	11 12 ,,
8	35.375	22.92	75·4	22.00	75.8	G	Midnight.
9	35.444	22.99	75.2	22.00	75.6	C	1 12 a. m.
10	35.444	23.05	74.4	22.02	75.2	C	2 12 ,,
11	34.346	23.15	73.5	22.15	74.5	C	3 12 ,,

DAILY OBSERVATIONS, FROM 10TH TO 12TH JANUARY 1864.

DATE. Göttingen Mean Time. 1864.		Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
	h.							h. m.
JAN. 10TH—	12	34·621	23.19	73·5	22.17	74·2	C	4 12 a. m.
	13	34·141	23.15	73.4	22.25	73.6	B	5 12 „
	14	34.484	23.28	72.5	22.35	73.3	B	6 12 „
	15	34.837	23.45	72·1	22.45	72.8	B	7 12 „
	16	34.837	23.55	72.6	22.50	72.7	B	8 12 „
	17	35.032	23.46	74.4	22.30	73.2	G	9 12 „
	18	35.513	23.38	76.0	22.00	74.0	G	10 12 „
	19	36.061	23.45	76.9	21.62	75·3	G	11 12 „
	20	36.816	23.21	78.4	21.22	76.0	G	Noon.
	21	35.856	22.84	79·5	20.94	77.2	C	1 12 p. m.
	22	35.307	22.63	80·4	20.69	78.2	C	2 12 „
	23	35.101	22.32	80·9	20.60	79.1	C	3 12 „
JAN. 11TH-Noon.		35.101	22.19	80.9	20·60	79.4	C	4 12 „
	1	35.032	22.35	80.1	20.82	79.3	B	5 12 „
	2	35.238	22.49	79.0	22.31	78·5	B	6 12 „
	3	35.367	22.48	78.3	22.55	78.0	B	7 12 „
	4	35.581	22.31	77.5	22.70	77.5	B	8 12 „
	5	35.924	22.15	77.0	22.90	77.0	G	9 12 „
	6	35.856	22.25	76.1	23.00	76.6	G	10 12 „
	7	35.787	22.71	75.4	23.02	76.1	G	11 12 „
	8	35.581	22.75	75.0	23·18	75.5	G	Midnight.
	9	35.238	22.70	74.5	23.18	75.2	C	1 12 a. m.
	10	34.837	22.62	74.2	23.12	75.0	C	2 12 „
	11	34.484	22.60	73.8	23.00	74.7	C	3 12 „
	12	34.837	22.55	73.7	23.10	74.5	C	4 12 „
	13	35.170	22.75	73.7	23.45	74.3	B	5 12 „
	14	35.170	22.72	73.4	23.45	73.8	B	6 12 „
	15	34.484	22·85	73.1	23.65	73.5	B	7 12 „
	16	34 758	23.00	73.5	23.70	73.5	B	8 12 „
	17	35.444	23.05	74.7	23.62	74.0	G	9 12 „
	18	35.993	23.07	76.0	23.32	74.8	G	10 12 „
	19	36.130	23.00	77.7	23.00	76.0	G	11 12 „
	20	35.787	22·85	78.5	22.54	76.5	G	Noon.
	21	36.061	22.57	79.0	22·59	77.2	C	1 12 p. m.
	22	36.061	22.29	80·0	22·48	78.2	C	2 12 „
	23	35.856	21.97	80.6	22.05	79.0	C	3 12 „
JAN. 12TH-Noon.		35.170	21·86	80.9	21.95	79.5	C	4 12 „
	1	35·170	21.91	80.2	22.15	79.4	B	5 12 „
	2	35.375	22.03	79·1	22.45	78·5	B	6 12 „
	3	35.375	22.04	78.3	22.70	78.0	B	7 12 „
	4	35.375	21.90	77·4	22·85	77.5	B	8 12 „
	5	35.650	21·90	77.0	22.90	77·0	G	9 12 „
	6	35.307	22.04	76·9	23.00	76.7	G	10 12 „
	7	35.375	22.29	76.5	23.02	76·5	G	11 12 „
	8	35.856	22·40	76.0	23.10	76.0	G	Midnight.
	9	35.856	22.41	75.7	23.14	75.7	C	1 12 a. m.
	10	35·581	22.52	75.7	23.18	75.7	C	2 12 „
	11	35·787	22·47	75.9	23.19	75.7	C	3 12 „
	12	35.307	22.60	75.4	23.19	75.5	C	4 12 „
	13	35·513	22·85	74·5	23.32	75.0	B	5 12 „
	14	34.837	22.85	74.4	23.40	74.6	B	6 12 „
	15	34.141	22.85	74.0	23.55	74.2	B	7 12 „
	16	34·484	22.80	74.3	23.55	74.2	B	8 12 „
	17	35.238	22.87	76.0	23.40	75.0	G	9 12 „
	18	35.856	22.89	77.8	23.12	75.7	G	10 12 „
	19	35.170	22·76	78.5	22.74	76.5	G	11 12 „
	20	35.307	22.55	79.7	22.52	77.4	G	Noon.
	21	35·513	22.32	80.6	22.27	78.3	C	1 12 p. m.
	22	35.032	22.14	80.9	22.12	79.0	C	2 12 „
	23	34.964	22.05	81.0	22.03	79.5	C	3 12 „

DAILY OBSERVATIONS, FROM 13TH NOVEMBER TO 15TH JANUARY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Unorrected.	Thermometer of Horizontal Force Magnetometer	Vertical Force Magnetometer. Scale Readings Unorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JAN. 13TH-Noon.	35·101	21.98	80°6	22.00	79°8	C	4 12 p. m.
1	35.101	22.00	80.0	22.24	79.5	B	5 12 „
2	35.513	22·05	78.7	22.55	78.5	B	6 12 „
3	35·444	22.05	78.0	22.75	78.0	B	7 12 „
4	35.307	22.19	77.4	22.85	77.5	B	8 12 „
5	35.307	22.25	77.0	22.92	77.0	G	9 12 „
6	35.307	22.22	76.2	23.00	76.6	G	10 12 „
7	35.101	22.20	76.0	23.00	76.3	G	11 12 „
8	34.837	22.15	75.6	23.10	76.0	G	Midnight.
9	35.856	22.18	75.2	23.37	75.7	C	1 12 a. m.
10	35·787	22.49	74.9	23.31	75.4	C	2 12 „
11	35·307	23.00	74.7	23.39	75·2	C	3 12 „
12	35.238	22·93	74.7	23.44	75.2	C	4 12 „
13	35.101	22.90	74·0	23.50	74.4	B	5 12 „
14	34.758	23.05	73.4	23.43	73.8	B	6 12 „
15	34.003	23.05	73.1	23.60	73.5	B	7 12 „
16	34·837	23.15	74.0	23.85	73.9	B	8 12 „
17	36.130	23.10	75.5	23.52	74·5	G	9 12 „
18	36·197	23.30	76.4	23.14	75.0	G	10 12 „
19	35.924	23.19	77.5	23.00	76.0	G	11 12 „
20	35.718	23·10	78.0	22.74	76.4	G	Noon.
21	36.336	22.80	78.1	22.61	77.0	C	1 12 p. m.
22	35.650	22.74	78.3	22.40	77.3	C	2 12 „
23	35.307	22·52	78.3	22·40	78.0	C	3 12 „
JAN. 14TH-Noon.	35.718	22.38	78.1	22.52	78.1	C	4 12 „
1	35.444	22.31	77.3	22·75	77·5	B	5 12 „
2	35.718	22.28	76.5	22.95	76.5	B	6 12 „
3	35·650	22.15	75.5	23.15	75·5	B	7 12 „
4	35·238	22.30	75.1	23.15	75.4	B	8 12 „
5	35.170	22.66	74.6	23.30	75.0	G	9 12 „
6	35.581	22.65	74.3	23.42	74.8	G	10 12 „
7	35.993	22.85	73.5	23.50	74.2	G	11 12 „
8	36.061	22·75	73.0	23.50	73·5	G	Midnight.
9	36.336	23.10	72.8	23.80	73.3	C	1 12 a. m.
10	35.650	22·98	72.2	23.95	73.0	C	2 12 „
11	36.404	23.08	71.6	24·10	72.5	C	3 12 „
12	35.581	23.05	70.9	24·20	72.1	C	4 12 „
13	34.621	23.15	70.5	24.35	71.4	B	5 12 „
14	34.278	23·35	69.5	24.60	70.5	B	6 12 „
15	34.346	23.55	69·0	24.75	70.0	B	7 12 „
16	34.964	23.52	69.3	25.00	69.8	B	8 12 „
17	35.856	23.30	70.4	24.85	70·0	G	9 12 „
18	35.170	23·60	71.7	24.30	70·9	G	10 12 „
19	34.837	23.71	73.4	24.00	72.0	G	11 12 „
20	34.837	23.60	74.7	23.85	72.9	G	Noon.
21	35.513	23.24	75.4	23.49	73.9	C	1 12 p. m.
22	35·787	22.92	76.6	23.20	74.8	C	2 12 „
23	36.267	22.80	77·3	23·08	75.6	C	3 12 „
JAN. 15TH-Noon.	36.542	22.63	76.9	23.00	76.0	C	4 12 „
1	36.199	22.41	76.0	23.05	75.5	B	5 12 „
2	35.718	22.55	74.7	23.25	74.5	B	6 12 „
3	36.130	22·65	74.0	23.50	74.0	B	7 12 „
4	36.199	22.60	73·4	23.60	73.6	B	8 12 „
5	37.228	22.65	72.8	23.90	73.0	G	9 12 „
6	35.993	22·56	72.0	24.00	72.7	G	10 12 „
7	36.610	22.95	71.1	24.15	72.0	G	11 12 „
8	36.267	23.40	70.4	24.20	71.5	G	Midnight.
9	35.856	23.47	70.0	24.24	71.3	C	1 12 a. m.
10	36.267	23.33	68.8	24.58	70.3	C	2 12 „
11	34.964	23.35	68.3	24.80	69.5	C	3 12 „

DAILY OBSERVATIONS, FROM 15TH TO 18TH JANUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
JAN. 15TH—12	35·924	23.36	68°0	24.90	69°1	C	4 12 a. m.
13	35.032	23.55	68.2	24.85	68.8	B	5 12 ,,
14	35.513	23.60	68.2	24.95	68.7	B	6 12 ,,
15	35·856	23·60	67.7	25.05	68.5	B	7 12 ,,
16	35.924	23.60	68.8	25.05	68.5	B	8 12 ,,
17	36.130	23.62	70.3	24.96	69.4	C	9 12 ,,
18	35·581	23.63	71.8	24.45	70.3	C	10 12 ,,
19	35.375	23.72	73·4	23.79	71.4	C	11 12 ,,
20	35.170	23.53	74.3	23.49	72.4	C	Noon.
21	35.238	23.31	76.4	23.02	73.5	G	1 12 p. m.
22	34.895	22.95	76.6	22.75	74.4	G	2 12 ,,
23	35.307	22.62	77.0	22.80	75.0	G	3 12 ,,
JAN. 17TH-Noon.	36.130	22.82	76.8	22.80	75.8	C	4 12 ,,
1	36.199	22.80	76.2	22.86	75.5	C	5 12 ,,
2	35.650	22·70	75.1	23.22	75.0	B	6 12 ,,
3	36.199	22.50	74.1	23.50	74.2	B	7 12 ,,
4	36.679	22.20	73.5	23.70	73.6	B	8 12 ,,
5	36.336	22.60	73.0	23.84	73.0	G	9 12 ,,
6	36·130	22.73	72.5	24.00	72.6	G	10 12 ,,
7	36.061	22.92	72.0	24.00	72.2	G	11 12 ,,
8	35.444	23.45	71.2	24.45	71.8	G	Midnight.
9	35.581	23.36	70.9	24.55	71.5	C	1 12 a. m.
10	36.061	23.44	70.3	24.65	71.3	C	2 12 ,,
11	35.856	23.39	69.4	24.69	70.8	C	3 12 ,,
12	35.718	23.45	69.2	24.90	70.2	C	4 12 ,,
13	35.170	23.43	69.1	24.70	69.6	B	5 12 ,,
14	35.444	23.50	68.4	24.88	69.3	B	6 12 ,,
15	35.856	23.75	68.0	25.35	69.0	B	7 12 ,,
16	36.679	23.85	68.6	25.60	69.0	B	8 12 ,,
17	37.845	23.70	70.2	25.49	69.5	G	9 12 ,,
18	37.228	23.60	72·1	25.02	70.4	G	10 12 ,,
19	35.444	23.55	73·9	24.28	72.0	G	11 12 ,,
20	35.513	23.30	75.4	23.92	73.0	G	Noon.
21	35.924	22.84	76.1	23.48	74.0	C	1 12 p. m.
22	35.375	22.81	76·6	23.10	74.4	C	2 12 ,,
23	34·964	22.80	76.8	23.02	75.5	C	3 12 ,,
JAN. 18TH-Noon.	35.101	22.73	76.5	23.07	75.7	C	4 12 ,,
1	35.101	22.66	75.6	23.50	75.5	B	5 12 ,,
2	35.307	22.65	74.5	23.75	74.5	B	6 12 ,,
3	35.650	22.82	74.0	24.00	73.6	B	7 12 ,,
4	35.650	22.81	73.8	24.02	73.4	B	8 12 ,,
5	35.650	22·85	73.2	24.10	73.0	G	9 12 ,,
6	35.375	22.97	72.7	24.22	72.9	G	10 12 ,,
7	35.444	23.05	72.0	24.44	72.5	G	11 12 ,,
8	35.444	23.10	71.4	24.50	72.1	G	Midnight.
9	35.375	23.20	71.2	24.60	71.9	C	1 12 a. m.
10	35.513	23.37	71.0	24.72	71.6	C	2 12 ,,
11	35·238	23.49	70.6	24.84	71.2	C	3 12 ,,
12	35.238	23.60	70.2	24.95	70.8	C	4 12 ,,
13	35.444	23.55	69.6	25.05	70.0	B	5 12 ,,
14	35.101	23.62	69.6	25.10	70.0	B	6 12 ,,
15	35.170	23.65	69.5	25.20	70.0	B	7 12 ,,
16	35.993	23.61	70.2	25·40	70.0	B	8 12 ,,
17	37.296	23·56	71.5	25.00	70.6	G	9 12 ,,
18	36.816	23.70	73.0	24.44	71.4	G	10 12 ,,
19	35.238	23.66	74.7	23.72	72.5	G	11 12 ,,
20	34.552	23.55	75.6	23.42	73.1	G	Noon.
21	33.592	23.40	76.4	23.17	74.0	C	1 12 p. m.
22	33.592	23.21	77.1	23.16	75.1	C	2 12 ,,
23	34.621	22.95	77.5	23.10	76.0	C	3 12 ,,

DAILY OBSERVATIONS, FROM 19TH TO 21ST JANUARY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizonal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JAN. 19TH-Noon.	35·307	22.82	77·7	23.00	76·5	C	4 12 p. m.
1	35.307	22.81	77.0	23.15	76.2	B	5 12 ,,
2	35.101	22.82	75.6	23.50	75.5	B	6 12 ,,
3	35.307	22.75	75.0	23.80	75.0	B	7 12 ,,
4	35.513	22.81	74.6	23.98	74.7	B	8 12 ,,
5	35.513	22.85	74.5	24.00	74.2	G	9 12 ,,
6	35.375	23.02	74.1	24.00	74.0	G	10 12 ,,
7	35.170	23.10	73.6	24.10	73.5	G	11 12 ,,
8	35.170	23.15	73.0	24.18	73.2	G	Midnight.
9	35.170	23.21	72.8	24.29	73.0	C	1 12 a. m.
10	35.032	23.28	72.4	24.48	72.8	C	2 12 ,,
11	35.032	23.36	72.0	24.59	72.5	C	3 12 ,,
12	35.513	23.43	71.3	24.70	72.1	C	4 12 ,,
13	35.856	23.55	71.2	24.85	71.6	B	5 12 ,,
14	35.170	23.70	70.8	24.85	71·5	B	6 12 ,,
15	34.484	23.80	70.3	25.15	70.8	B	7 12 ,,
16	35.513	23.90	71.1	25.35	70.9	B	8 12 ,,
17	36.610	23.85	72.6	24.70	71.7	G	9 12 ,,
18	35.924	23.85	74.0	24.10	72.2	G	10 12 ,,
19	35.375	23.95	75.5	23.74	73.3	G	11 12 ,,
20	35.101	23.75	77.0	23.50	74.5	G	Noon.
21	35.856	23.28	77.3	23.46	75.9	C	1 12 p. m.
22	36.267	23.07	78.0	23.11	76.3	C	2 12 ,,
23	35.307	22.62	78.7	23.00	77.0	C	3 12 ,,
JAN. 20TH-Noon.	35.513	22.35	79.1	22.88	77.8	C	4 12 ,,
1	35.170	22.35	78.3	22.95	77.5	B	5 12 ,,
2	34.895	22.52	77.4	23.30	76.6	B	6 12 ,,
3	34.964	22.52	76.2	23.60	76.1	B	7 12 ,,
4	34.895	22.50	75.5	23.65	75.6	B	8 12 ,,
5	35.238	22.56	74.8	23.80	75.0	G	9 12 ,,
6	35.375	22.75	74.1	24·00	74.5	G	10 12 ,,
7	35.307	22.85	73.7	24.14	74.0	G	11 12 ,,
8	35.101	22.85	73.7	24.10	73.9	G	Midnight.
9	35.032	22.86	73.6	24.07	73.7	C	1 12 a. m.
10	34.837	23.14	73.6	24.00	73.7	C	2 12 ,,
11	34.484	23.20	73.0	24.20	73.3	C	3 12 ,,
12	34.141	23.40	72.6	24.20	73.0	C	4 12 ,,
13	33.180	23 48	72.0	24.25	72.5	B	5 12 ,,
14	33.729	23.51	71.6	24.50	72.0	B	6 12 ,,
15	33.935	23.59	70.6	24.55	71.6	B	7 12 ,,
16	34.346	23.83	71.3	24.82	71.7	B	8 12 ,,
17	35.032	23.70	73.6	24.64	72.3	G	9 12 ,,
18	34.415	23.80	75.0	23.65	73.2	G	10 12 ,,
19	33.523	23.60	76.5	23.30	74.0	G	11 12 ,,
20	33.729	23.45	76.7	23.30	75.0	G	Noon.
21	33.798	23.13	77.6	23.17	75.6	C	1 12 p. m.
22	34.552	22.73	78.2	23.00	76.7	C	2 12 ,,
23	34.964	22.56	78.5	22.88	77.2	C	3 12 ,,
JAN. 21ST-Noon.	34.415	22.48	79.0	22.62	77.9	C	4 12 ,,
1	34.141	22.52	78.8	22.52	77.9	B	5 12 ,,
2	34.484	22.55	77.7	22.90	77.0	B	6 12 ,,
3	34.964	22.47	76.3	23.29	76.3	B	7 12 ,,
4	35.238	22.56	75.7	23.50	75.9	B	8 12 ,,
5	34.964	22.70	75.3	23.65	75.3	G	9 12 ,,
6	35.101	22.74	75·0	23.72	75.1	G	10 12 ,,
7	34.964	22.75	75.0	23.83	75.0	G	11 12 ,,
8	34.895	22.80	74.0	24.00	74.3	G	Midnight.
9	35.238	23.02	73.3	24.25	73.9	C	1 12 a. m.
10	35.238	23.05	72.9	24.32	73.3	C	2 12 ,,
11	34.827	23.18	72.3	24.43	73.1	C	3 12 ,,

DAILY OBSERVATIONS, FROM 21ST TO 24TH JANUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Jan. 21st—12	34·964	23.20	72°0	24.45	72°9	C	4 12 a. m.
13	35.307	23.33	72.0	24.55	72.5	B	5 12 „
14	34.621	23.30	72.0	24.55	72.3	B	6 12 „
15	34.484	23.55	71.3	24.70	71.6	B	7 12 „
16	35.513	23.77	72.1	24.95	71.9	B	8 12 „
17	37.159	23·92	73·4	24.74	72.4	G	9 12 „
18	38.394	23.86	74.5	24.40	73.0	G	10 12 „
19	36.404	23.74	75.4	23·88	73.8	G	11 12 „
20	35.032	23.55	76.5	23.12	74·5	G	Noon.
21	34.278	23.17	77.2	23.15	75.7	C	1 12 p. m.
22	34.552	22·96	77.5	23.23	76.2	C	2 12 „
23	35.101	22.69	77.7	23·25	76.9	C	3 12 „
Jan. 22nd-Noon.	34.964	22.60	77.5	23.26	77.1	C	4 12 „
1	34.689	22.59	76.7	23.30	76.7	B	5 12 „
2	34.837	22.61	75.6	23.50	75.7	B	6 12 „
3	35.238	22.55	75.0	23.75	75·1	B	7 12 „
4	35.101	22.70	74.5	23.95	74.6	B	8 12 „
5	35.032	22.90	74.0	24·00	74.2	G	9 12 „
6	35.238	22.85	74.0	24.00	74.0	G	10 12 „
7	35.101	22.86	73.8	24.18	73.8	G	11 12 „
8	35.170	22·90	73.3	24·40	73.5	G	Midnight.
9	35.650	22.95	72·5	24.50	73.2	C	1 12 a. m.
10	35.650	23.06	72.0	24.61	72·7	C	2 12 „
11	35.718	23.25	71.5	24.85	72.3	C	3 12 „
12	35·513	23.24	71.4	24.80	72.1	C	4 12 „
13	34.964	23.25	71.4	24.85	72.1	B	5 12 „
14	34.484	23.42	71.4	24.80	72.0	B	6 12 „
15	34.141	23.55	71.4	24.85	71.6	B	7 12 „
16	34.964	23.61	71.6	25.25	71.6	B	8 12 „
17	36·679	23.89	72.5	25.00	72.0	G	9 12 „
18	36.542	23.90	73.8	24.66	72.5	G	10 12 „
19	36.542	23·90	74.8	24·10	73.3	G	11 12 „
20	36.199	23.67	75.0	24.10	73.8	G	Noon.
21	35.718	23.29	75.5	23.96	74.3	C	1 12 p. m.
22	34.621	23.13	75.6	23.91	74.8	C	2 12 „
23	34.552	22·89	75.5	23.88	75.1	C	3 12 „
Jan. 24th-Noon.	35.993	22.81	76.5	23.34	75·6	B	4 12 „
1	35·650	22.77	75.3	23.55	74.8	B	5 12 „
2	35.238	22·85	74.0	23·75	74.0	B	6 12 „
3	35.513	22.93	73·4	24.10	73.4	B	7 12 „
4	35.650	22.97	72.9	24.35	73.0	B	8 12 „
5	35.170	23.24	72.0	24.50	72.2	N	9 12 „
6	35.032	23.36	71.0	24.65	71.8	N	10 12 „
7	34.827	23.40	70.8	24.85	71.3	N	11 12 „
8	35.307	23.47	70.2	24.96	71.0	N	Midnight.
9	35.307	23.64	69.7	25.05	70.7	C	1 12 a. m.
10	35.307	23.85	69.2	25.18	70.5	C	2 12 „
11	34.964	23.85	68.5	25.27	70.0	C	3 12 „
12	34.827	23.90	68.2	25.40	69.6	C	4 12 „
13	34.346	24.05	68.0	25.55	68.5	B	5 12 „
14	34.278	24.10	67.5	25·65	68.0	B	6 12 „
15	33.798	24.30	67.4	25.80	67.7	B	7 12 „
16	34.689	24.10	68.4	26.00	68.0	B	8 12 „
17	35.718	24,21	70.1	25.55	69.1	C	9 12 „
18	36.199	24.12	71.6	25.06	70.2	C	10 12 „
19	35.170	23.85	73·3	24.20	71.0	B	11 12 „
20	34.964	23.63	74.6	23.95	72.2	B	Noon.
21	35.170	23.29	75.6	23.95	73.3	C	1 12 p. m.
22	35.375	23.03	76.4	23·67	74.3	C	2 12 „
23	35.375	22.88	77.0	23.49	75.3	C	3 12 „

DAILY OBSERVATIONS, FROM 25TH TO 27TH JANUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
JAN. 25TH-Noon.	35·513	22.75	77°1	23.32	75°9	C	4 12 p. m.
1	35.238	22.78	76.4	23.40	75.6	B	5 12 ,,
2	35.170	22.75	75.4	23.60	74.7	B	6 12 ,,
3	35.307	22.75	74.0	23.95	74.0	B	7 12 ,,
4	35.718	22·35	73.5	24.15	73.5	B	8 12 ,,
5	35.856	22.60	73.0	24.30	73.1	G	9 12 ,,
6	36.199	22.50	72.5	24.46	72.5	G	10 12 ,,
7	36.199	22.90	71.8	24.50	72.2	G	11 12 ,,
8	35.856	23.15	71.0	24.70	72.0	G	Midnight.
9	35.650	23.20	70.8	24.82	71.7	C	1 12 a. m.
10	35.513	23.32	70.2	24.90	71.2	C	2 12 ,,
11	35.170	23.42	69.4	24.92	70·8	C	3 12 ,,
12	34.346	23.67	68.9	25.15	70.2	C	4 12 ,,
13	33.660	23.69	68.4	25·25	69.2	B	5 12 ,,
14	33.798	23.85	68.0	25.45	68.8	B	6 12 ,,
15	33.523	23.95	67.6	25.60	68.5	B	7 12 ,,
16	34.689	24.01	69.2	25.75	68.9	B	8 12 ,,
17	36.542	23.75	70.3	25.50	70.0	G	9 12 ,,
18	35.924	23.85	72.1	25.04	70.5	G	10 12 ,,
19	36.473	24.00	73.4	24.26	71.5	G	11 12 ,,
20	35.444	23.35	74.8	23.45	72.4	G	Noon.
21	34.827	23.39	76.0	23.30	73.7	C	1 12 p. m.
22	35.032	23.16	76.7	23.21	74.5	C	2 12 ,,
23	35.787	22.73	77·1	23.08	75.5	C	3 12 ,,
JAN. 26TH-Noon.	35.375	22.73	77.1	23.08	76.0	C	4 12 ,,
1	35.993	22·63	76.3	23.35	75.5	B	5 12 ,,
2	35.375	22.75	75.0	23·60	74.7	B	6 12 ,,
3	36.267	22.66	74.5	24.05	74.4	B	7 12 ,,
4	35.993	22.58	74.0	24.00	74.0	B	8 12 ,,
5	35.856	22.35	73.7	24.12	73.2	G	9 12 ,,
6	35.856	22.65	73.0	24.40	73·0	G	10 12 ,,
7	36·336	22.60	72.6	24.50	72.9	G	11 12 ,,
8	35.856	22.95	71.8	24.50	72.5	G	Midnight.
9	34.895	23.40	71.3	24.55	72.1	C	1 12 a. m.
10	34·895	23·48	71.2	24.60	71·9	C	2 12 ,,
11	34.827	23.28	71.2	24.68	71.7	C	3 12 ,,
12	34.552	23.28	70.8	24.74	71.5	C	4 12 ,,
13	34.209	23.32	70.3	24.75	70·7	B	5 12 ,,
14	34.141	23.51	69.7	24.90	70.5	B	6 12 ,,
15	34.278	23.60	69.4	25.25	70.3	B	7 12 ,,
16	34.964	23.80	70.2	25.35	70.5	B	8 12 ,,
17	35·924	23.80	71.8	25.10	71.0	G	9 12 ,,
18	36.885	23.85	73.5	24.52	72.0	G	10 12 ,,
19	37.159	23.86	75.0	24.00	73.2	G	11 12 ,,
20	35.718	23.55	76.4	23.30	74.0	G	Noon.
21	35.650	22.92	77.2	23·21	75.1	C	1 12 p.m.
22	35.307	22.83	77.4	23.03	75.9	C	2 12 ,,
23	35.170	22.69	77.6	23.09	76.3	C	3 12 ,,
JAN. 27TH-Noon.	35.170	22.55	77.8	23.10	76.9	C	4 12 ,,
1	35.993	22.25	77.1	23.30	76.6	B	5 12 ,,
2	35.307	22.40	76.1	23.50	75.8	B	6 12 ,,
3	35.513	22.53	75.0	23.70	75.3	B	7 12 ,,
4	35.856	22.47	74.5	23.95	75.0	B	8 12 ,,
5	35.513	22.80	74.2	24.06	74.4	G	9 12 ,,
6	35.650	22.90	73.8	24.00	73.9	G	10 12 ,,
7	35.513	22.85	73.3	24.20	73.3	G	11 12 ,,
8	35.513	22·85	73.3	24.30	73.3	G	Midnight.
9	35.170	23·32	72.8	24.40	73.1	C	1 12 a. m.
10	34.895	23.34	72.4	24.44	72.9	C	2 12 ,,
11	35.170	23.29	72.1	24.50	72.5	C	3 12 ,,

DAILY OBSERVATIONS, FROM 27TH TO 29TH JANUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
JAN. 27TH—12	35·032	23.29	71·9	24.50	72·2	C	4 12 a. m.
13	34.689	23.20	71.3	24.50	71.8	B	5 12 ,,
14	35.170	23.35	70·5	24.70	71.5	B	6 12 ,,
15	34·484	23.50	70.6	24.90	71.3	B	7 12 ,,
16	35·170	23·31	71.6	24.95	71.5	B	8 12 ,,
17	36.885	23.25	73.0	24.72	72·0	G	9 12 ,,
18	37.571	23.37	74.5	24.20	72·9	G	10 12 ,,
19	36.199	23.25	75.8	23.60	73.8	G	11 12 ,,
20	35·307	23.25	77.5	23.06	74.7	G	Noon.
21	35.032	22.92	77,9	22.98	75·9	C	1 12 p. m.
22	35.032	22.58	78.1	22.97	76.3	C	2 12 ,,
23	35.032	22.42	78.2	22·90	77.1	C	3 12 ,,
JAN. 28TH-Noon.	35.513	22.20	78.2	22.90	77.5	C	4 12 ,,
1	35.718	22.12	77.5	23.00	77.2	B	5 12 ,,
2	35.650	22.35	76.5	23.27	76.3	B	6 12 ,,
3	35.856	22.46	75.6	23.60	75.6	B	7 12 ,,
4	35.993	22.58	75.2	23.90	75.2	B	8 12 ,,
5	35.787	22.80	75.0	24.02	75·0	G	9 12 ,,
6	35.238	22.77	74.7	24.08	74.8	G	10 12 ,,
7	35.650	22·75	74.2	24·10	74.5	G	11 12 ,,
8	35.581	22·86	73.1	24.32	74·0	G	Midnight.
9	35.444	22.89	72·8	24.36	73.7	C	1 12 a. m.
10	35.170	22.91	72.7	24.40	73.3	C	2 12 ,,
11	34.827	23.16	72.6	24.47	73.1	C	3 12 ,,
12	35.307	23.14	72.3	24.62	73.0	C	4 12 ,,
13	34.552	23.15	72.1	24.80	72.5	B	5 12 ,,
14	34.484	23.30	71.5	24.85	72.0	B	6 12 ,,
15	34.895	23.60	70.9	24·90	71.6	B	7 12 ,,
16	35.444	23.59	71.5	25.00	71.6	B	8 12 ,,
17	36·679	23.65	72.7	25.00	72.2	G	9 12 ,,
18	37.571	23.71	74·3	24.62	73.0	G	10 12 ,,
19	36.199	23.61	76.0	23.88	74.0	G	11 12 ,,
20	34.895	23.20	77.0	23·52	74.8	G	Noon.
21	34.827	22.88	77.7	23.42	75·9	C	1 12 p. m.
22	34.964	22.76	78.0	23.20	76.6	C	2 12 ,,
23	34.964	22.48	78·4	23·05	77.1	C	3 12 ,,
JAN. 29TH-Noon.	34.895	22.43	78.2	23.02	77.7	C	4 12 ,,
1	35.101	23·52	77.5	23.30	77.5	B	5 12 ,,
2	35.924	22,42	76.3	23.55	76.6	B	6 12 ,,
3	36·199	22.45	75.5	23.80	75.8	B	7 12 ,,
4	35.924	22.60	75.0	24.10	75.3	B	8 12 ,,
5	35.718	22·45	74.8	24.24	75.0	G	9 12 ,,
6	35.444	22.64	74·0	24.38	74.0	G	10 12 ,,
7	35.238	22.84	73.3	24.40	74.0	G	11 12 ,,
8	35.170	22.90	73.0	24.48	73.7	G	Midnight.
9	35.032	23.07	72.8	24.48	73.6	C	1 12 a. m.
10	34.964	23.13	72.4	24.53	73.3	C	2 12 ,,
11	34·758	23.13	72.7	24.83	73.3	C	3 12 ,,
12	34·346	23.13	72.6	24.93	73.0	C	4 12 ,,
13	34.209	23·25	71.6	25.05	72.6	B	5 12 ,,
14	34.141	23.32	70.6	25.10	72·0	B	6 12 ,,
15	33.935	23.48	71.0	25.11	71.7	B	7 12 ,,
16	34.484	23.55	72.0	25.40	72·2	B	8 12 ,,
17	35.513	23.50	73.8	25.14	73.0	G	9 12 ,,
18	36.542	23.46	75.7	24.65	73.8	G	10 12 ,,
19	36.130	23.42	76.0	23.66	74.5	G	11 12 ,,
20	35.581	23.35	77.0	24.00	75.0	G	Noon.
21	36.061	23.14	78.0	23.70	76.0	C	1 12 p. m.
22	35.375	22.67	78.4	23.48	76.7	C	2 12 ,,
23	35·307	22.54	78.6	23.38	77.3	C	3 12 ,,

DAILY OBSERVATIONS, FROM 31ST JANUARY TO 2ND FEBRUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time 1864.
h.							h. m.
JAN. 31ST-Noon.	34415	22.55	77°6	23.50	77°2	G	4 12 p. m.
1	34·621	22.50	77.0	23.58	77.0	G	5 12 ,,
2	35.101	22.51	76.0	23.80	76.2	B	6 12 ,,
3	35.307	22.55	75.5	24.15	75.6	B	7 12 ,,
4	35.238	22.59	75.1	24.20	75.5	B	8 12 ,,
5	35.650	22.75	75.0	24.36	75.3	G	9 12 ,,
6	35.170	22.75	74.8	24.50	75.0	G	10 12 ,,
7	35.170	22.85	74.1	24.00	74.7	G	11 12 ,,
8	35.170	22.85	73.8	23·15	74.1	G	Midnight.
9	35.101	22.87	73.6	23.05	73.8	C	1 12 a. m.
10	34.689	23.12	73.2	23.19	73.5	C	2 12 ,,
11	34.552	23.17	72.9	23.37	73.2	C	3 12 ,,
12	34.415	23.23	72.4	23.39	73.0	C	4 12 ,,
13	34.141	23.34	72.2	23.45	72.7	C	5 12 ,,
14	33.935	23.47	71.9	23.60	72.5	C	6 12 ,,
15	33.866	23.56	71.6	23.60	72.2	C	7 12 ,,
16	34.552	23.48	72.2	23.60	72.3	C	8 12 ,,
17	35.856	23.55	72.6	24.25	72.9	B	9 12 ,,
18	36.199	23.45	74.2	23.75	73.5	B	10 12 ,,
19	35·307	23.43	76.0	23.20	74.5	B	11 12 ,,
20	34.278	23.31	77.2	22.95	75.4	B	Noon.
21	34.552	23.19	77.4	23·08	75.5	G	1 12 p. m.
22	34.141	23.00	77.5	23.10	76·0	G	2 12 ,,
23	33.523	22.73	77.8	23.00	77.0	G	3 12 ,,
FEB. 1ST-Noon.	34.689	22.62	77.7	23.08	77.2	G	4 12 ,,
1	35.170	22.58	76.7	23.15	77·0	C	5 12 ,,
2	35.444	22.58	75.5	23.39	76·4	C	6 12 ,,
3	35.170	22.61	74·9	23.55	75·5	C	7 12 ,,
4	35.032	22.76	74.4	23·67	75·2	C	8 12 ,,
5	34·689	22.95	74·1	23.75	74·5	B	9 12 ,,
6	34.689	22.95	73.7	23.95	74·2	B	10 12 ,,
7	35·238	22.79	73.4	24.00	73·8	B	11 12 ,,
8	35.032	23.00	73.0	24.00	73·4	B	Midnight.
9	35.101	22·75	72·5	24.02	73·0	G	1 12 a. m.
10	34·375	23.11	72.1	24.35	72·8	G	2 12 ,,
11	34.827	22.95	72.0	24.30	72·5	G	3 12 ,,
12	34.141	23.06	71.7	24.46	72·3	G	4 12 ,,
13	34.484	23.25	71.2	24·28	72·0	C	5 12 ,,
14	33.180	23.55	70.6	24.56	71·9	C	6 12 ,,
15	33·935	23.39	70.4	24.79	71·6	C	7 12 ,,
16	34.827	23.29	71.7	24.93	71·9	C	8 12 ,,
17	35.718	23.46	73.0	24.85	72·2	B	9 12 ,,
18	36.061	23.40	74.4	24.35	73.0	B	10 12 ,,
19	35.993	23.40	75.6	23.76	73·8	B	11 12 ,,
20	36.170	23.47	76.5	23.25	75.0	B	Noon.
21	35.170	23.25	77.0	23.12	75.4	G	1 12 p. m.
22	34.758	22·77	77.8	22.90	76.0	G	2 12 ,,
23	34.689	22.66	78.0	22.82	76.8	G	3 12 ,,
FEB. 2ND-Noon.	34.964	22.35	78.0	22.96	77.0	G	4 12 ,,
1	35.375	22.29	77.3	22.90	77.5	C	5 12 ,,
2	35.513	22.43	76·2	23·09	76.7	C	6 12 ,,
3	35.375	22.48	75.4	23.36	76.1	C	7 12 ,,
4	35.307	22.49	75.2	23.54	75.4	C	8 12 ,,
5	35.032	22.58	74.8	23.75	75.1	B	9 12 ,,
6	35.032	22.68	74.6	23.75	74.8	B	10 12 ,,
7	34.827	22.75	74.2	23.95	74.5	B	11 12 ,,
8	34.827	22.95	73.5	23.98	74.1	B	Midnight.
9	34.552	23.19	73.3	24.00	73.8	G	1 12 a. m.
10	34.415	23.14	73·0	24.00	73·5	G	2 12 ,,
11	34.552	23.20	72.5	24.10	73.0	G	3 12 ,,

DAILY OBSERVATIONS, FROM 2ND TO 4TH FEBRUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Feb. 2nd—12	34·895	23.19	72·0	24.28	72·7	G	4 12 a. m.
13	34.827	23.25	71.6	24.41	72·5	C	5 12 „
14	34.689	23.28	71·6	24.43	72.4	C	6 12 „
15	34.209	23.29	71.6	24.54	72.1	C	7 12 „
16	34.758	23.37	72.8	24.60	72·1	C	8 12 „
17	34.895	23·40	74.5	24·30	73.2	B	9 12 „
18	34.689	23.50	75.2	23.65	73.6	B	10 12 „
19	34.141	23·58	76.5	23.00	74.5	B	11 12 „
20	34.003	23·10	77.5	22.63	75.5	B	Noon.
21	34.141	23.05	78·2	22.65	76.4	G	1 12 p. m.
22	34.827	23.06	78.8	22.55	77.0	G	2 12 „
23	34·484	22.77	79.0	22.50	77.5	G	3 12 „
Feb. 3rd—Noon.	35.032	22.64	79.1	22.50	78.1	G	4 12 „
1	35.581	22·53	78·8	22.60	78.4	C	5 12 „
2	35.238	22.58	77.6	22·84	77.9	C	6 12 „
3	35.238	22.52	76.6	23.04	77.1	C	7 12 „
4	35.170	22·54	76.3	23.18	76.9	C	8 12 „
5	35·101	22.51	75·7	23.25	76.3	B	9 12 „
6	34.964	22.65	75.3	23.30	75.9	B	10 12 „
7	34·964	22.70	75.3	23.45	75.8	B	11 12 „
8	34.964	22.76	75.2	23.50	75.5	B	Midnight.
9	34.895	22.90	75.0	23·56	75.2	G	1 12 a. m.
10	34.758	23.02	74.5	23.60	75.0	G	2 12 „
11	34.552	23.10	74.2	23·72	74.7	G	3 12 „
12	34.415	23.29	73.5	23.80	74.5	G	4 12 „
13	34.346	23.32	73.4	23.75	74.3	C	5 12 „
14	34.415	23.15	73.3	23.94	74.1	C	6 12 „
15	34.415	23.18	73.4	23.96	74.0	C	7 12 „
16	35.032	23.22	74.2	24.00	74.1	C	8 12 „
17	35.856	23.33	75.3	23.85	74.5	B	9 12 „
18	37.228	23.35	76.9	23·54	75.4	B	10 12 „
19	36·885	23.25	78.2	22.70	76.5	B	11 12 „
20	35.718	23.02	79.5	22.20	78.0	B	Noon.
21	34.689	23.00	81.0	21·74	79.5	G	1 12 p. m.
22	33.935	22.64	82.7	21.50	80.7	G	2 12 „
23	33.798	22·34	83.2	21.50	81.5	G	3 12 „
Feb. 4th-Noon.	34.415	22.16	82.9	21·80	81.8	G	4 12 „
1	34.895	22.21	82.0	21.95	81.8	C	5 12 „
2	35.170	22.21	80.7	22.20	80.9	C	6 12 „
3	35.170	22.15	79.3	22.55	80.2	C	7 12 „
4	35.238	22.01	78·7	22·58	79.5	C	8 12 „
5	35.170	21.99	78.0	22.75	78.8	B	9 12 „
6	35.170	22.00	77.6	22.75	78.5	B	10 12 „
7	35.307	22.15	77.6	22.95	78·0	B	11 12 „
8	35.170	22.30	77.6	23.00	77.6	B	Midnight.
9	35.307	22·26	77.5	23.00	77.4	G	1 12 a. m.
10	35.032	22·45	77.2	23.05	77.0	G	2 12 „
11	34.484	22.60	76.6	23.10	76.8	G	3 12 „
12	34.758	22·60	76.0	23·14	76.6	G	4 12 „
13	34.689	22.73	75.6	23.28	76.4	C	5 12 „
14	34·689	22.74	75.3	23.33	76.1	C	6 12 „
15	34.003	22.81	75.3	23·40	76.0	C	7 12 „
16	34.484	22.95	76.2	23·44	76.3	C	8 12 „
17	35·375	22.95	77.2	23.15	76.6	B	9 12 „
18	35.718	22·83	78.5	22.75	77.4	B	10 12 „
19	35.238	22.68	79.6	22.35	78.5	B	11 12 „
20	34.689	22.41	81.5	21.85	79·7	B	Noon.
21	34.708	22.22	81.9	21.50	80·5	G	1 12 p. m.
22	33.592	22.11	83.0	21.50	81·3	G	2 12 „
23	33.729	22.10	83.4	21.60	82.0	G	3 12 „

DAILY OBSERVATIONS, FROM 5TH TO 8TH FEBRUARY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
FEB. 5TH-Noon.	33·866	22.00	82°9	22.00	82°2	G	4 12 p. m.
1	34.827	21.98	81.4	22.06	82.0	C	5 12 ,,
2	34.895	22.11	80.1	22.39	81.0	C	6 12 ,,
3	35·170	22.13	79.6	22.60	80.2	C	7 12 ,,
4	35.101	22.19	79.1	22.62	79.5	C	8 12 ,,
5	35.101	22.20	78.5	22.80	79.0	B	9 12 ,,
6	34.827	22.25	78.3	22.75	78.7	B	10 12 ,,
7	35.032	22.15	78.0	22.95	78.4	B	11 12 ,,
8	36·961	21·90	77.5	23.00	78.1	B	Midnight.
9	36.267	21.92	77.1	23.00	77.8	G	1 12 a. m.
10	36.267	22.05	76.8	23.00	77.2	G	2 12 ,,
11	35.444	22.09	76.6	23.00	77.0	G	3 12 ,,
12	35.444	22.20	76.0	23.12	77.0	G	4 12 ,,
13	34.209	22.57	75.6	23.14	76.8	C	5 12 ,,
14	34.269	22.61	75.3	23.18	76.5	C	6 12 ,,
15	34.689	22·69	75.3	23.20	76.2	C	7 12 ,,
16	35.375	22.70	76.3	23.47	76.6	C	8 12 ,,
17	36.404	22.85	77.7	23.25	77·0	B	9 12 ,,
18	37.090	22.68	79.4	22.92	77·9	B	10 12 ,,
19	36.679	22.51	80.4	22.40	78·9	B	11 12 ,,
20	35.856	22.32	81.6	22.00	80.2	B	Noon.
21	35.032	22.00	82.9	21.92	80.8	G	1 12 p. m.
22	34.827	21.85	82.9	21.96	81.0	G	2 12 ,,
23	35·101	21.74	82.5	22.00	81.6	G	3 12 ,,
FEB. 7TH-Noon.	34.484	21.89	82.1	21.90	81.9	C	4 12 ,,
1	34.484	21.86	81.5	22.05	81.7	C	5 12 ,,
2	34.552	21.92	80.5	22.38	81.1	C	6 12 ,,
3	35.101	21.92	79·6	22.65	80.2	C	7 12 ,,
4	35.307	22.01	78.6	22.70	79.5	C	8 12 ,,
5	35.718	22.15	78.5	22.75	79.2	B	9 12 ,,
6	35.513	22.30	77.6	22.95	78.6	B	10 12 ,,
7	35.238	22.33	77.4	22.90	78.0	B	11 12 ,,
8	35·513	22.50	77.0	23.00	77.7	B	Midnight.
9	35.101	22.55	77.0	23.06	77.5	G	1 12 a. m.
10	34.758	22.55	77.0	23.00	77.5	G	2 12 ,,
11	34.484	22.75	76.6	23.05	77.0	G	3 12 ,,
12	34.484	22.71	76.0	23.05	76.7	G	4 12 ,,
13	34.484	22.88	75.0	23.09	76.1	C	5 12 ,,
14	33.935	23.00	74.9	23.30	75.8	C	6 12 ,,
15	33.935	23.08	74.9	23.46	75.6	C	7 12 ,,
16	34.552	23.38	75.4	23.48	75.6	C	8 12 ,,
17	35·856	23.42	76.6	23.35	75.9	B	9 12 ,,
18	36.610	23.35	78.0	22.90	76.9	B	10 12 ,,
19	35.513	23.15	79.6	22.40	78.0	B	11 12 ,,
20	35.032	23.01	80.9	22.00	79.1	B	Noon.
21	34.895	22.66	82.0	21.72	80.0	G	1 12 p. m.
22	34.552	22.39	83.3	21.50	81.5	G	2 12 ,,
23	34.141	22.10	84.0	21·54	82·2	G	3 12 ,,
FEB. 8TH-Noon.	34.141	21.76	83.8	21.60	82.5	G	4 12 ,,
1	34.621	21.59	82.7	21.92	82.5	C	5 12 ,,
2	34.415	21.59	81.5	21.98	81·9	C	6 12 ,,
3	34.758	21.54	80.5	22.36	81.1	C	7 12 ,,
4	35.170	21.61	79.6	22.48	80.3	C	8 12 ,,
5	35.170	21.55	79.4	22.75	79.6	B	9 12 ,,
6	35.718	21.65	79.2	22.82	79.5	B	10 12 ,,
7	35.444	21.70	79·1	22.80	79.3	B	11 12 ,,
8	35.444	21.95	78·6	22.85	79.0	B	Midnight.
9	34.964	22.30	78·1	22.90	78·6	G	1 12 a. m.
10	35.170	22.36	77·8	22.94	78·3	G	2 12 ,,
11	34.895	22.57	77.5	22.90	78·0	G	3 12 ,,

DAILY OBSERVATIONS, FROM 8TH TO 10TH FEBRUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Feb. 8th—12	34'346	22.80	77°0	23.15	77°5	G	4 12 a. m.
13	33.729	22.85	76.8	23.44	77.3	C	5 12 „
14	33.798	23.09	75·7	23.44	76·6	C	6 12 „
15	32.700	23.10	75.4	23.47	76·2	C	7 12 „
16	33.692	23.22	76.3	23.57	76.4	C	8 12 „
17	34.847	23.25	77.4	23.55	76.9	B	9 12 „
18	35.924	23.18	79.0	23.45	77.8	B	10 12 „
19	36·542	22.93	80.4	23.15	78.5	B	11 12 „
20	36·679	22.63	81.4	22.65	79·5	B	Noon.
21	36.953	22.40	82.5	22.12	81.2	G	1 12 p. m.
22	35.513	22.12	83.8	21.68	82.5	G	2 12 „
23	34.895	21.45	84.8	21·54	83.0	G	3 12 „
Feb. 9th-Noon.	34.895	21.19	84.5	21.70	83.5	G	4 12 „
1	35.101	20.88	83.6	21.90	83.4	C	5 12 „
2	35.101	21.03	82.3	22.09	82.5	C	6 12 „
3	35.032	21.41	81.5	22.44	82.0	C	7 12 „
4	34.895	21.55	80.7	22.52	81.3	C	8 12 „
5	35.032	21.60	80.0	22.70	80.5	B	9 12 „
6	35.032	21.80	79.6	22.85	80.0	B	10 12 „
7	35·307	22.00	79.6	22.90	79.8	B	11 12 „
8	35.650	22.10	79.1	22.98	79.5	B	Midnight.
9	36·336	21.98	78.6	23.08	79·3	G	1 12 a. m.
10	36.544	21.63	78.3	23.18	79.0	G	2 12 „
11	37.296	22.15	78.0	23.10	78.5	G	3 12 „
12	36.473	22.00	77.8	23.00	78.3	G	4 12 „
13	35.307	22.05	77.1	23.05	78.0	C	5 12 „
14	34.484	22.18	77.0	23.09	77.8	C	6 12 „
15	34.072	22.19	76.9	23.33	77.4	C	7 12 „
16	33.729	22.25	77.2	23.46	77.7	C	8 12 „
17	34.847	22.25	77.7	23.55	77.8	B	9 12 „
18	35.238	22.30	78.5	23.35	78.0	B	10 12 „
19	35.101	22.40	80.0	23.00	78.8	B	11 12 „
20	35.238	22.15	81.3	22.95	79.6	B	Noon.
21	35.513	21.92	82.4	22.90	80.3	G	1 12 p. m.
22	35.856	21.61	82.5	22·72	81.1	G	2 12 „
23	35·444	21.39	82.7	22.42	81.7	G	3 12 „
Feb. 10th-Noon.	34.895	21.20	82.7	22.30	81.8	G	4 12 „
1	34·621	20.95	82.1	22.40	81.8	C	5 12 „
2	35.375	20.65	81.2	22.69	81.2	C	6 12 „
3	35.170	20.81	80.2	22.69	80.9	C	7 12 „
4	35.513	21.25	79.2	22.78	80.1	C	8 12 „
5	35.032	21.45	79.0	22.95	79.5	B	9 12 „
6	35.032	21.40	79.0	22.95	79.3	B	10 12 „
7	35.513	21.25	79.0	23.15	79.3	B	11 12 „
8	35.375	21.42	78.9	23.15	79.1	B	Midnight.
9	35.513	21.84	78.3	23.28	78.9	G	1 12 a. m.
10	36.473	21.92	78.2	23.44	78.5	G	2 12 „
11	35.856	21.85	77.7	23.60	78.3	G	3 12 „
12	35.307	22.45	77.0	23.54	77.9	G	4 12 „
13	34.689	22.34	76.7	23.27	77.5	C	5 12 „
14	34.621	22.32	76.2	23.50	77.1	C	6 12 „
15	35.581	22.30	76.2	23.68	76·9	C	7 12 „
16	34.621	22.43	77.0	23.70	77.0	C	8 12 „
17	35.718	22.50	78.1	23.45	77.5	B	9 12 „
18	36.747	22·41	79.5	23.15	78.2	B	10 12 „
19	37.365	22.45	81.0	22.65	79.3	B	11 12 „
20	36.542	22.45	82.0	22.45	80.1	B	Noon.
21	36.685	22.00	82.9	22.50	81.0	G	1 12 p. m.
22	37.296	21.76	83.5	21.70	81.9	G	2 12 „
23	36.199	21.55	84.0	21·40	83.0	G	3 12 „

DAILY OBSERVATIONS, FROM 11TH TO 14TH FEBRUARY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
FEB. 11TH-Noon.	34·964	21.23	84·2	21.20	83·3	G	4 12 p. m.
1	35.032	21.20	83.5	21.50	83.6	C	5 12 „
2	34.209	21.35	82.4	21.78	82.9	C	6 12 „
3	34·895	21.43	81.8	22.10	82.1	C	7 12 „
4	35.238	21.44	81.1	22.19	81.8	C	8 12 „
5	35.375	21.45	80.1	22.30	80.8	B	9 12 „
6	34.895	21.55	79.5	22.35	80.2	B	10 12 „
7	34.964	21.75	79.3	22.50	79.9	B	11 12 „
8	35.238	21.85	79.0	22.65	79.5	B	Midnight.
9	35.444	21.85	78.8	22·68	79·4	G	1 12 a. m.
10	35·650	21.88	78.5	22.70	79.2	G	2 12 „
11	35.856	21.90	78.2	22.70	79.0	G	3 12 „
12	35·513	22.00	77·8	22.78	78.4	G	4 12 „
13	34.278	22,41	77.2	22.74	78.1	C	5 12 „
14	34.827	22.29	76.8	22.70	77.9	C	6 12 „
15	33.866	22.37	76.5	22.25	77.6	C	7 12 „
16	33.660	22.54	77.4	22.18	77.9	C	8 12 „
17	34.895	22.55	78.5	22.05	78.0	B	9 12 „
18	34.621	22.80	79.3	21.75	78.6	B	10 12 „
19	34.141	22.94	80.7	21.60	79.4	B	11 12 „
20	34.346	22.65	82.1	21.65	80.5	B	Noon.
21	35.650	22.31	82.5	21.76	81.7	G	1 12 p. m.
22	36.542	22.05	82.7	21.84	82.0	G	2 12 „
23	33.336	21,45	83.0	21.70	82.2	G	3 12 „
FEB. 12TH-Noon.	35.993	21.44	83.0	21·30	82.3	G	4 12 „
1	35.238	21.45	82.0	21.10	82.1	C	5 12 „
2	34.689	21.62	80.9	21.37	81.5	C	6 12 „
3	34.689	21.62	80.2	21.50	81.1	C	7 12 „
4	34.689	21.60	79.6	21.69	80.4	C	8 12 „
5	34.847	21.65	79.2	21·85	79.6	B	9 12 „
6	35.170	21.85	78.6	21.95	79.2	B	10 12 „
7	35.032	21·92	78.2	21.95	78.8	B	11 12 „
8	35.513	22.00	78.2	23.00	78.5	B	Midnight.
9	35.650	22.04	78.0	23.08	78.3	G	1 12 a. m.
10	35.787	22.17	77.5	23.14	78.1	G	2 12 „
11	35.787	22.15	77.1	23.20	78.0	G	3 12 „
12	34.964	22.20	77.0	23.18	77.8	G	4 12 „
13	35.238	22.38	76.4	23.24	77.4	C	5 12 „
14	34.895	22.30	75.5	23.35	77.0	C	6 12 „
15	34.964	22·31	76.0	23.40	76.8	C	7 12 „
16	35.307	22.43	76.9	23.44	77.2	C	8 12 „
17	35.513	22.55	77.8	23.10	77.8	B	9 12 „
18	35.170	22.49	79.0	22.80	78.0	B	10 12 „
19	34.758	22.44	80.1	22.50	78.9	B	11 12 „
20	34.758	22.23	81.3	22.40	79.6	B	Noon.
21	34.847	21·98	81.6	22.40	80.2	G	1 12 p. m.
22	35.032	21.82	82.3	22.25	80.9	G	2 12 „
23	35.650	21.75	82.5	22.20	81.4	G	3 12 „
FEB. 14TH-Noon.	35.238	21·55	83.0	22.20	82.5	G	4 12 „
1	34.689	21.55	82.2	22.12	82.0	G	5 12 „
2	34.003	21.50	81.1	22.10	81.7	G	6 12 „
3	35.032	21.55	80.1	22.38	81.1	C	7 12 „
4	34.689	21.59	79.6	22.77	80.4	C	8 12 „
5	34.552	21.70	79.3	23.00	80.0	B	9 12 „
6	34.847	21·90	79.0	23.15	79.5	B	10 12 „
7	35.170	21·93	78·5	23.15	79.1	B	11 12 „
8	35.856	21.85	78·3	23.20	78.7	B	Midnight.
9	35.851	22.03	78.0	23.30	78.5	G	1 12 a. m.
10	35.307	22.60	77.8	23.46	78.2	G	2 12 „
11	35.170	22.43	77.8	23.00	78.1	G	3 12 „

DAILY OBSERVATIONS, FROM 14TH TO 16TH FEBRUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
FEB. 14TH—12	35·170	22.30	77°8	22.90	78°0	G	4 12 a. m.
13	34·827	22.30	77.3	22.92	78.0	C	5 12 „
14	34.895	22.58	77.4	22.95	77.9	C	6 12 „
15	34.552	22.27	77·4	22.96	77.5	C	7 12 „
16	34.964	22.39	77.4	23.05	77.5	C	8 12 „
17	35.856	22.52	78.0	23.00	77.8	B	9 12 „
18	36.061	22.64	79.3	22.65	78.4	B	10 12 „
19	35.238	22.57	80.4	22.30	79·1	B	11 12 „
20	34.895	22.32	80.5	22.36	79.9	B	Noon.
21	35.513	22.05	81·0	22.40	80.0	G	1 12 p. m.
22	35.307	22.05	81·3	22.30	80.5	G	2 12 „
23	35.444	21.80	81·4	22.18	80.8	G	3 12 „
FEB. 15TH-Noon.	35.440	21.74	81.0	22·00	81.0	G	4 12 „
1	34.895	21.30	80.4	22.00	81.0	C	5 12 „
2	34.895	21.60	79.6	22.35	80·2	C	6 12 „
3	34.964	22.00	78.8	22.45	79.9	C	7 12 „
4	34.758	22.03	78.4	22.47	79.4	C	8 12 „
5	34.964	22.10	78.1	22.60	79.0	N	9 12 „
6	34.964	22.25	77.9	22.67	78.8	N	10 12 „
7	34.964	22.35	77.3	22.70	78.2	N	11 12 „
8	34.415	22.34	77.3	22·75	78.0	N	Midnight.
9	34.415	22.37	77.1	22.79	77.8	G	1 12 a. m.
10	34.484	22.45	77.0	22.86	77.7	G	2 12 „
11	34.484	22.50	76.9	22.92	77.5	G	3 12 „
12	34.552	22.55	76.9	23.02	77.3	G	4 12 „
13	34.552	22.60	77.0	23.00	77.3	C	5 12 „
14	34.415	22.61	77.0	23.04	77.2	C	6 12 „
15	34.209	22·65	76.8	23.18	77.1	C	7 12 „
16	35.101	22.71	77.3	23.18	77.3	C	8 12 „
17	35.650	22.80	78.5	22.80	77.9	N	9 12 „
18	35.513	22.83	79.3	22.60	78.2	N	10 12 „
19	35.170	22.90	80.0	22.63	79.0	N	11 12 „
20	35.032	22·85	80.4	22.60	79.1	N	Noon.
21	35.375	22.55	80.8	22·50	79.8	G	1 12 p. m.
22	34.689	22.12	81.0	22·28	80.0	G	2 12 „
23	34.758	22.05	81·1	22.30	80.5	G	3 12 „
FEB. 16TH-Noon.	35.444	22·19	81.0	22.40	81.0	G	4 12 „
1	35.444	22.05	80.4	22.37	80.9	C	5 12 „
2	35.032	22.02	79·5	22.58	80·1	C	6 12 „
3	34.964	22.05	79.0	22.66	79.7	C	7 12 „
4	34.895	22.02	78·7	22·71	79.3	C	8 12 „
5	34.827	22·00	78.2	22.78	78·8	N	9 12 „
6	35.101	21.95	78·0	22.90	78.8	N	10 12 „
7	34.827	22.13	77.6	22.94	78·5	N	11 12 „
8	34.895	22·22	77.3	22.92	78.0	N	Midnight.
9	34.621	22.45	77.0	23.04	77.8	G	1 12 a. m.
10	34·621	22.45	77.0	23.06	77.7	G	2 12 „
11	34·552	22·51	76.9	23.10	77.5	G	3 12 „
12	34.484	22.57	76.7	23.12	77.5	G	4 12 „
13	34·346	22·62	76.2	23.27	77.3	C	5 12 „
14	34.484	22.67	75.9	23.39	76.9	C	6 12 „
15	35.101	22.67	75.7	23.40	76.6	C	7 12 „
16	35·787	22.75	76.3	23.40	76.8	C	8 12 „
17	35.924	22.69	77.5	23.10	77.0	N	9 12 „
18	36.336	22.84	78.5	22.80	78.0	N	10 12 „
19	35.581	22·73	79.0	22.42	78.0	N	11 12 „
20	34.415	22.62	79.8	22.16	78.7	N	Noon.
21	34·072	22.40	80.2	22.10	79.0	G	1 12 p. m.
22	33.798	22.12	80.5	22.00	79.7	G	2 12 „
23	33.523	22.00	80.7	22.05	80.0	G	3 12 „

DAILY OBSERVATIONS, FROM 17TH TO 19TH FEBRUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Feb. 17th-Noon.	33·592	21.95	80°4	22.18	80°0	G	4 12 p. m.
1	34.278	22.04	79.4	22.48	80.0	C	5 12 „
2	34.827	22·11	78.3	22.70	79.2	C	6 12 „
3	35·032	22.16	77.4	22.88	78.4	C	7 12 „
4	35.032	22.28	76.9	23.00	78.0	C	8 12 „
5	35.375	22.45	76.4	23.00	77.0	N	9 12 „
6	35.032	22.30	76.0	23.26	76.8	N	10 12 „
7	34.964	22.40	75.6	23.32	76.2	N	11 12 „
8	35.238	22.62	75.2	23.40	76.0	N	Midnight.
9	34.827	22.65	75.1	23.50	75.8	G	1 12 a. m.
10	34.621	22.70	75.0	23.50	75.5	G	2 12 „
11	34·964	22.75	75.0	23.50	75·4	G	3 12 „
12	34.484	22·80	74.8	23.50	75.0	G	4 12 „
13	34.346	22.85	74·4	23.52	74.9	C	5 12 „
14	34.003	22.86	74.4	23.68	74.8	C	6 12 „
15	34.964	22.99	74.4	23.80	74.8	C	7 12 „
16	35·787	23.14	75.2	23.72	75.1	C	8 12 „
17	35.787	23.24	76.5	23.30	75·6	N	9 12 „
18	35·993	23.19	77.8	23.00	76.0	N	10 12 „
19	35.032	23.09	78.5	22.75	76.9	N	11 12 „
20	34.895	22·94	79.0	22.80	77.3	N	Noon.
21	35.170	22.77	78.5	22.54	78.0	G	1 12 p. m.
22	34.847	22.65	78.5	22.50	78.2	G	2 12 „
23	34.847	22.50	78.7	22·50	78.5	G	3 12 „
Feb. 18th-Noon.	34.278	22.42	78.5	22.50	78.7	G	4 12 „
1	34.484	22.37	77.7	22·70	78·7	C	5 12 „
2	34·552	22.38	76.9	23.08	78.0	C	6 12 „
3	34·621	22.48	76.2	23.11	77·3	C	7 12 „
4	34·689	22.57	75.9	23.29	76.9	C	8 12 „
5	34.827	22.69	75.8	23.30	76.0	N	9 12 „
6	34.895	22.65	75.6	23.34	76.0	N	10 12 „
7	34.895	22.70	75.5	23.40	75.9	N	11 12 „
8	34.895	22·75	75.5	23.45	75·9	N	Midnight.
9	34.895	22.77	75.3	23.48	75.7	G	1 12 a. m.
10	34.827	22·80	75.2	23.50	75.5	G	2 12 „
11	34.827	22.90	75.1	23·50	75.4	G	3 12 „
12	34.827	22.90	75.0	23·48	75.3	G	4 12 „
13	34·758	22.94	74.8	23.41	75.1	C	5 12 „
14	33.660	23·30	74.4	23.50	75.0	C	6 12 „
15	33.935	23.19	74·3	23.78	74.9	C	7 12 „
16	35.375	23.31	75.1	23.90	75.2	C	8 12 „
17	36.885	23.39	76.3	23.50	75·3	N	9 12 „
18	36.542	23·37	77.7	23.00	76·0	N	10 12 „
19	36.267	23.30	79.0	22.42	77.0	N	11 12 „
20	35.718	23.10	79.5	22.50	78.0	N	Noon.
21	36.199	22.84	80.1	22.52	78.5	G	1 12 p. m.
22	36·061	22.62	80.4	22.40	79.3	G	2 12 „
23	36.130	22.52	80·5	22·28	79.8	G	3 12 „
Feb. 19th-Noon.	35.238	22.34	80.5	22.10	80.0	G	4 12 „
1	34.758	22.31	80.0	22.22	79.9	C	5 12 „
2	34.827	22.28	79.5	22.55	79.6	C	6 12 „
3	35.101	22·37	78.6	22.88	79.1	C	7 12 „
4	35.032	22.39	78·2	22.97	78.9	C	8 12 „
5	35.170	22.40	78.0	23.00	78.7	N	9 12 „
6	35.170	22·35	78.0	23.00	78.5	N	10 12 „
7	35.170	22.40	77.8	23.00	78.2	N	11 12 „
8	35.170	22.40	77.8	23.00	78.0	N	Midnight.
9	35.101	22.43	77.6	23.00	77.8	G	1 12 a. m.
10	35.101	22.48	77.5	23.00	77.6	G	2 12 „
11	34.758	22.50	77.5	23.00	77.5	G	3 12 „

DAILY OBSERVATIONS, FROM 19TH TO 22ND FEBRUARY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
FEB. 19TH—12	34·484	22.50	77°4	23.00	77°4	G	4 12 a. m.
13	34.209	22.54	77.2	23.00	77.3	C	5 12 ,,
14	34.346	22.55	77.0	23.09	77.2	C	6 12 ,,
15	33·866	22·68	76.8	23.16	77.1	C	7 12 ,,
16	34.621	22.95	77.5	23.05	77.4	C	8 12 ,,
17	35.650	23.15	78.8	22.80	78.0	N	9 12 ,,
18	35·307	23.17	80.0	22.40	78.5	N	10 12 ,,
19	33.935	23.10	81·0	22.10	79.2	N	11 12 ,,
20	33.592	23.04	81.5	22.20	79.9	N	Noon.
21	33.866	22.75	82.0	22.44	80.3	G	1 12 p. m.
22	34.552	22.60	82.5	22.30	81.0	G	2 12 ,,
23	35.101	22.41	82.8	22.00	81.8	G	3 12 ,,
FEB. 21ST-Noon.	34.895	21.88	83.4	21.86	83.9	C	4 12 ,,
1	34.758	21.80	82.5	21.99	83.3	C	5 12 ,,
2	34.346	21·79	81.5	22.18	82.6	C	6 12 ,,
3	34.689	21.78	80.9	22.36	82.2	C	7 12 ,,
4	34.827	21.90	80.3	22.48	81.5	C	8 12 ,,
5	35.101	22.00	80.0	22.60	81.0	N. R.	9 12 ,,
6	35·375	22.19	79.8	22.68	81.0	N. R.	10 12 ,,
7	36.543	22.25	79.7	22.80	79.7	N. R.	11 12 ,,
8	36.199	22.40	79.6	22.89	79.4	N. R.	Midnight.
9	35.101	22.34	79.6	22.80	80.4	G	1 12 a. m.
10	34.895	22.30	79.2	22.78	80.0	G	2 12 ,,
11	34.552	22.35	79.0	22.78	79.6	G	3 12 ,,
12	34.415	22.40	79.0	22.70	79.5	G	4 12 ,,
13	34.346	22.43	78.8	22.72	79.4	C	5 12 ,,
14	33.798	22.39	78.7	22.79	79.3	C	6 12 ,,
15	34.003	22.49	78.7	23.00	79.1	C	7 12 ,,
16	34.895	22.76	79.4	23.00	79.5	C	8 12 ,,
17	35.170	22.90	80.0	23.06	79.8	N. R.	9 12 ,,
18	35.513	22.94	81·0	23.10	79.9	N. R.	10 12 ,,
19	34.484	23.20	82.0	22.40	80.0	N. R.	11 12 ,,
20	34.346	23.00	82.1	22.38	80.6	N. R.	Noon.
21	34.758	22.49	82.7	22.30	81.9	G	1 12 p. m.
22	35.101	22.00	83.0	22.24	82.8	G	2 12 ,,
23	35.718	21.85	83.2	22.10	83.0	G	3 12 ,,
FEB. 22ND-Noon.	35.375	21.82	83.1	22.00	83.2	G	4 12 ,,
1	35.032	21.78	82.5	21.85	83.3	C	5 12 ,,
2	34.415	21.78	81.5	22.10	82.6	C	6 12 ,,
3	34.827	21.74	80.8	22.35	82.1	C	7 12 ,,
4	35.032	21.80	80.3	22.47	81.4	C	8 12 ,,
5	35.238	21.73	79.8	22.50	80.4	G. L.	9 12 ,,
6	34.758	21.99	79.2	22.74	80.0	G. L.	10 12 ,,
7	34.895	22.00	79.0	22.74	80.0	H	11 12 ,,
8	35.718	22.15	78.6	22.68	79.9	H	Midnight.
9	34.847	22.15	78.3	22.68	79.4	G	1 12 a. m.
10	35.032	22.15	77.7	23.34	78.8	G	2 12 ,,
11	35·170	22.22	77.4	23.40	78.3	G	3 12 ,,
12	35.170	22.30	77.0	23.40	78.0	G	4 12 ,,
13	35.032	22.39	76.9	23.30	77.9	C	5 12 ,,
14	34.484	22.53	76.7	23.16	77.7	C	6 12 ,,
15	34.141	22.71	76.9	23.15	77.5	C	7 12 ,,
16	35.101	22.62	78.0	23·14	77.9	C	8 12 ,,
17	35.170	23.25	79.0	23.18	78.0	N. R.	9 12 ,,
18	35.513	23.25	79.8	23.18	78.6	N. R.	10 12 ,,
19	35.170	23.16	80.0	22.90	78.8	N. R.	11 12 ,,
20	34.847	23.00	80.6	22.20	79.0	N. R.	Noon.
21	34.415	22.74	81.2	22.00	80.5	G	1 12 p. m.
22	34.689	22.53	81.5	22.00	80.8	G	2 12 ,,
23	35.993	22.16	81.5	22.02	81.2	G	3 12 ,,

DAILY OBSERVATIONS, FROM 23RD TO 25TH FEBRUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizonal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Feb. 23rd-Noon.	36'267	22.05	81°5	22.08	81°5	G	4 12 p. m.
1	35.650	21.92	80.9	22.00	81.8	C	5 12 ,,
2	34.758	21.91	79.5	22.30	80.7	C	6 12 ,,
3	34.758	22.06	78.8	22.55	79.8	C	7 12 ,,
4	35.718	21.93	78.1	22.80	79.3	C	8 12 ,,
5	34.895	22.10	77.7	22.80	79.0	G. L.	9 12 ,,
6	35.307	22.19	77.6	22.86	78.7	G. L.	10 12 ,,
7	35.513	22.30	77.5	22.90	78.2	G. L.	11 12 ,,
8	35.444	22.38	77.0	22.85	77.9	G. L.	Midnight.
9	35.650	22.55	77.0	23.00	77.9	G	1 12 a. m.
10	35.513	22.60	76.5	23.04	77.1	G	2 12 ,,
11	35.170	22.55	76.2	23.05	76.9	G	3 12 ,,
12	34.895	22.61	76.0	23.10	76.5	G	4 12 ,,
13	35.101	22.67	75.5	23.17	76.2	C	5 12 ,,
14	34.758	22.74	75.0	23.36	76·0	C	6 12 ,,
15	34.689	22.99	74.7	23.50	75.6	C	7 12 ,,
16	35.856	23.24	74.4	23.57	75.6	C	8 12 ,,
17	36.199	23.25	74.9	23.39	75.9	N. R.	9 12 ,,
18	35.856	23.30	75.4	22.99	76.0	N. R.	10 12 ,,
19	35.856	23.10	76.0	22.70	76.6	N. R.	11 12 ,,
20	33.798	23.16	77.9	22.60	77.0	N. R.	Noon.
21	33.729	23.25	79.0	22.40	78.3	G	1 12 p. m.
22	34.689	22.91	79.8	22.48	79.0	G	2 12 ,,
23	35.513	22.55	80.0	22.60	79.8	G	3 12 ,,
Feb. 24th-Noon.	36.199	22.32	80.0	22.50	80.0	G	4 12 ,,
1	36.061	22.32	79.0	22.47	80.0	C	5 12 ,,
2	35.307	22.41	77.9	22.47	79.2	C	6 12 ,,
3	35.444	22.50	77.2	22.80	78.2	C	7 12 ,,
4	35.444	22.59	76.8	22.93	77.9	C	8 12 ,,
5	36.885	22.55	76.3	22.92	77.2	D	9 12 ,,
6	35.513	22.60	75.8	23.00	76.8	D	10 12 ,,
7	35.513	22.85	75.3	22.89	76.2	D	11 12 ,,
8	36.199	22.85	75.0	22.95	75.0	D	Midnight.
9	35.307	22.93	74.8	23.20	74.8	G	1 12 a. m.
10	35.307	22.91	74.6	23.26	74.7	G	2 12 ,,
11	34.895	23.02	74.0	23.38	74.6	G	3 12 ,,
12	35.787	23.00	73.8	23.44	74.5	G	4 12 ,,
13	35.375	22.98	73.5	23.69	74.3	C	5 12 ,,
14	35.170	23.20	73.0	23.71	73.9	C	6 12 ,,
15	35.787	23.39	71.9	23.75	73.2	C	7 12 ,,
16	35.787	23.54	72.2	23.98	73.1	C	8 12 ,,
17	35.856	23.60	73.5	23.20	73.5	D	9 12 ,,
18	34.484	23.60	74.7	22.75	74.2	D	10 12 ,,
19	33.455	23.45	77.2	22.30	75.5	D	11 12 ,,
20	33.798	23.20	78.9	22.20	75.8	D	Noon.
21	34.484	22.95	79.7	22.20	77.7	G	1 12 p. m.
22	34.964	22.72	80.4	22.28	78.9	G	2 12 ,,
23	35.924	22.50	80.7	22.10	79.6	G	3 12 ,,
Feb. 25th-Noon.	36.267	22.45	80.6	22.10	80.0	G	4 12 ,,
1	35.993	22.49	79.9	22.10	80.3	C	5 12 ,,
2	35.581	22.50	78.6	22.32	79.3	C	6 12 ,,
3	35.581	22.59	77.8	22.60	78.7	C	7 12 ,,
4	35.444	22.70	77.2	22.80	77.9	C	8 12 ,,
5	35.170	23.00	76.8	22.60	77.4	D	9 12 ,,
6	35.513	22.65	76·1	22.80	77.0	D	10 12 ,,
7	34.847	22.70	76.1	23.00	76.9	D	11 12 ,,
8	35.513	22.90	75.8	23.15	76.3	D	Midnight.
9	35.238	22.97	75.6	23.20	76.0	G	1 12 a. m.
10	35.032	23.16	75.0	23.20	75.5	G	2 12 ,,
11	35.650	23.25	74.5	23.34	75.3	G	3 12 ,,

DAILY OBSERVATIONS, FROM 25TH TO 27TH FEBRUARY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Feb. 25th—12	35·101	23.25	74°4	23.40	75°0	G	4 12 a. m.
13	34.278	23.30	74.0	23.46	74.9	C	5 12 „
14	35.513	23.35	73.9	23.80	74.7	C	6 12 „
15	36.404	23.19	74.2	24.13	74.7	C	7 12 „
16	36.542	23.20	75.1	24.19	74.9	C	8 12 „
17	36.542	23·35	76·9	23.60	75.4	D	9 12 „
18	36.542	23.30	78.1	23.05	75.9	D	10 12 „
19	35.513	23.25	79.1	22·70	76.5	D	11 12 „
20	34.484	23.25	79.5	22.70	77.8	D	Noon.
21	33.935	23.05	80.0	22.50	78.7	G	1 12 p. m.
22	33.935	22·85	80.9	22.50	79.6	G	2 12 „
23	34.484	22.65	81.8	22·44	80.7	G	3 12 „
Feb. 26th-Noon.	35.101	22.46	81.8	22.48	81.2	G	4 12 „
1	35.581	22.27	80.9	22.50	81.7	C	5 12 „
2	35.444	22.48	79.9	22.79	80.5	C	6 12 „
3	35.238	22.46	79.1	23.04	79·8	C	7 12 „
4	35.170	22.49	78.6	23.12	79.1	C	8 12 „
5	34.847	22.70	78.8	23·30	78.7	D	9 12 „
6	35.170	22.40	78.1	23.20	78.0	D	10 12 „
7	34.895	22.80	78.0	23.50	77.5	D	11 12 „
8	35.170	22·90	77.5	23·50	76.9	D	Midnight.
9	34.484	22.95	77·3	23.60	76.8	G	1 12 a. m.
10	34.484	22.83	77.2	23.40	76·8	G	2 12 „
11	34.552	22.99	77.1	23.59	76.8	C	3 12 „
12	34·072	22.99	76.8	23.63	76.8	C	4 12 „
13	33.866	23.20	76.4	23.80	76.3	D	5 12 „
14	34.847	23.15	76.2	23.80	75.9	D	6 12 „
15	35.513	23.10	76.4	23.60	76.0	G	7 12 „
16	36.267	23.30	77.0	23.90	76.4	G	8 12 „
17	36·610	23.49	78.4	23,35	77.4	C	9 12 „
18	35.718	23.51	79.4	22.96	78.3	C	10 12 „
19	34.621	23·55	80.7	22·41	79.2	D	11 12 „
20	33.866	23.19	81.0	22.15	80.0	D	Noon.
21	33.317	22.95	81.2	22.16	80.3	G	1 12 p. m.
22	33.112	22.62	81.3	22.18	80.5	G	2 12 „
23	33.660	22·38	81.2	22.32	81.5	C	3 12 „
Feb. 27th-Noon.	33.866	22.25	80.9	22.45	81·8	C	4 12 „
1	34·141	22.29	80.0	22.70	81.5	D	5 12 „
2	34.847	22·20	79.1	23·00	81.0	D	6 12 „
3	35.375	22.35	78·5	23.25	79.2	G	7 12 „
4	35.101	22.50	78.2	23.50	78.7	G	8 12 „
5	35.375	22.49	77.4	23.43	78.4	C	9 12 „
6	35.307	22.65	77.2	23.51	78.1	C	10 12 „
7	35.238	22.50	77.0	23.70	78.0	D	11 12 „
8	35.170	22.75	77.1	23.65	78.1	D	Midnight.
9	35.375	22.65	77.2	23.54	77.0	G	1 12 a. m.
10	35.170	22.70	77.0	23.65	77.0	G	2 12 „
11	35.101	22.75	77.0	23.60	76.9	G	3 12 „
12	34.552	22.81	76.7	23.60	76.8	G	4 12 „
13	34.484	22.94	76.2	23.70	76.7	C	5 12 „
14	34.346	23.09	75.8	23.80	76.5	C	6 12 „
15	35.238	23.17	75.2	23.98	76.0	C	7 12 „
16	36.679	23.48	75.6	24.00	76.0	C	8 12 „
17	37.914	23.63	76.4	23.55	76.5	D	9 12 „
18	37.571	23.80	77.2	23.10	77.0	D	10 12 „
19	36.199	23.83	77.9	22.60	77.3	D	11 12 „
20	34.484	23.55	78.0	22.50	77.5	D	Noon.
21	32.974	23.24	78.4	22.50	78.0	G	1 12 p. m.
22	33.798	22.99	78.8	22·70	78.7	G	2 12 „
23	34.415	22.70	78.6	22.90	78.6	G	3 12 „

DAILY OBSERVATIONS, FROM 29TH FEBRUARY TO 2ND MARCH 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
FEB. 29TH-Noon.	36'199	22.20	79°0	23.07	78°8	C	4 12 p. m.
1	36.199	22.23	78.3	23.05	78.8	C	5 12 ,,
2	35.375	22.49	77.3	23.16	78.2	C	6 12 ,,
3	35.170	22.57	76.9	23.38	77.8	C	7 12 ,,
4	35.170	22.74	76.5	23.49	77.4	C	8 12 ,,
5	35.037	22.55	76.2	23.65	76.8	B	9 12 ,,
6	35.399	22.45	75.5	23.85	76.2	B	10 12 ,,
7	36.130	22.40	75.0	23.95	75.6	B	11 12 ,,
8	36.267	22.25	74.5	24.00	75.3	B	Midnight.
9	36.130	22.60	74.3	24.02	75.0	G	1 12 a. m.
10	36.130	22.75	73.8	24.15	74.9	G	2 12 ,,
11	36.542	23.00	73.5	24.25	74·5	G	3 12 ,,
12	35.993	22.95	73.5	24·30	74.2	G	4 12 ,,
13	35.375	23.10	73.2	24.17	73.9	C	5 12 ,,
14	35.170	23.07	73.0	24.15	73.7	C	6 12 ,,
15	35.513	23.08	73.2	24.60	73.7	C	7 12 ,,
16	36.061	23.20	74.3	24.45	74.0	C	8 12 ,,
17	36.542	23.35	75.6	24.15	74.6	G	9 12 ,,
18	35.856	23.41	76.8	23.80	75.3	G	10 12 ,,
19	35.101	23.34	78.0	23.24	76.6	G	11 12 ,,
20	35.170	23.05	80.4	23.00	78.5	G	Noon.
21	35.650	22.73	81.4	22.85	79.1	B	1 12 p. m.
22	35.993	22.43	81.6	22.70	79.8	B	2 12 ,,
23	36.473	22.25	82.2	22.65	80.7	B	3 12 ,,
MAR. 1ST-Noon.	36.610	22.12	82.2	22.50	81.5	B	4 12 ,,
1	36.061	22·05	81.8	22.50	81.5	G	5 12 ,,
2	35.513	22.00	81.0	22·70	81.0	G	6 12 ,,
3	35.718	22.00	80.2	23.00	80.2	G	7 12 ,,
4	35.581	21.90	80.0	23.10	80.0	G	8 12 ,,
5	35.581	21.90	79.3	23.20	79.5	C	9 12 ,,
6	35.375	22.00	78.9	23.36	79·1	C	10 12 ,,
7	35·238	22.08	78.6	23.39	78.9	C	11 12 ,,
8	35.170	22.27	78.4	23.50	78.5	C	Midnight.
9	35·032	22·35	78.2	23.62	78.2	B	1 12 a. m.
10	35.170	22.46	77.9	23.70	77·8	B	2 12 ,,
11	35.032	22.53	77·7	23.75	77.7	B	3 12 ,,
12	35.032	22.48	77.7	23.75	77.7	B	4 12 ,,
13	35.032	22.49	77.6	23.84	77·4	G	5 12 ,,
14	34.964	22.50	77.5	23.90	77.0	G	6 12 ,,
15	35.718	22.50	77.5	24.00	77.2	G	7 12 ,,
16	36.385	22.67	78.4	23.84	77.4	G	8 12 ,,
17	37.159	22.79	79.4	23.65	78.1	C	9 12 ,,
18	36·816	22.88	80.3	23.36	79.0	C	10 12 ,,
19	35.993	22.88	81.1	22.96	79.5	C	11 12 ,,
20	35.718	22.85	82.0	22.66	80.6	C	Noon.
21	35.718	22.71	82.5	22·50	81.3	B	1 12 p.m.
22	36.199	22.61	83.0	22.40	81.8	B	2 12 ,,
23	35.650	22.35	83.3	22.30	82.4	B	3 12 ,,
MAR. 2ND-Noon.	35.444	22.14	83.3	22.30	82.8	B	4 12 ,,
1	35.238	22.00	82.9	22.40	83.0	G	5 12 ,,
2	34.964	22.00	82.1	22.58	82.3	G	6 12 ,,
3	35.101	22.01	81.1	22.80	81.6	G	7 12 ,,
4	34.964	22.12	80.7	23.00	81.0	G	8 12 ,,
5	35.101	22.20	80.2	22.97	80.7	C	9 12 ,,
6	34.827	22.34	79.6	23.08	80.4	C	10 12 ,,
7	34.895	22.31	79.3	23.20	80.0	C	11 12 ,,
8	34.758	22·48	79.0	23.34	79.5	C	Midnight.
9	35.032	22·50	78.5	23.30	79.0	B	1 12 a. m.
10	34.827	22.55	78.2	23.50	78.7	B	2 12 ,,
11	34.621	22.75	77.7	23.55	78.2	B	3 12 ,,

DAILY OBSERVATIONS, FROM 2ND TO 4TH MARCH 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Mar. 2nd—12	34°758	22.80	77°6	23.65	78°2	B	4 12 a. m.
13	34.621	22.83	77.4	23.68	77.9	G	5 12 „
14	34.552	22.87	77·2	23.70	77.8	G	6 12 „
15	35·718	22.80	77.2	23.78	77.2	G	7 12 „
16	36·199	22·87	77.8	23.70	77.5	G	8 12 „
17	36.542	22.93	78.4	23.45	78·0	C	9 12 „
18	36.267	23.64	79.4	23.05	78·6	C	10 12 „
19	35·375	22.98	80.1	22.72	79.2	C	11 12 „
20	34.689	22.87	80.6	22.70	80.0	C	Noon.
21	35.032	22.72	80.6	22.80	80·2	B	1 12 p. m.
22	35.307	22.55	81.3	22.75	80.5	B	2 12 „
23	35.101	22.31	81.6	22·50	81.1	B	3 12 „
Mar. 3rd-Noon.	34.758	22.28	81.6	22.50	81.6	B	4 12 „
1	34.758	22.32	81.2	22.50	81.5	G	5 12 „
2	34.415	22.35	80.4	22.86	81.0	G	6 12 „
3	34.758	22.40	80.0	23.00	80.5	G	7 12 „
4	34.327	22.52	79.4	23,00	80.2	G	8 12 „
5	34.964	22.45	79.0	23.11	80·0	C	9 12 „
6	34.895	22.57	78.6	23.27	79.6	C	10 12 „
7	35.170	22·57	78.1	23·40	79.3	C	11 12 „
8	34.895	22·65	77.6	23.43	79·1	C	Midnight.
9	35.170	22.66	77·1	23.45	78.2	B	1 12 a. m.
10	35.101	22.85	76.6	23.55	77.7	B	2 12 „
11	34.621	22.95	76.4	23.48	77.5	B	3 12 „
12	34.552	22.90	76.5	23.60	77.3	B	4 12 „
13	34.278	22.90	77.2	23.72	77.0	G	5 12 „
14	34.621	22.95	77.0	23.73	77.0	G	6 12 „
15	34.758	22.93	76.8	23·73	77.1	G	7 12 „
16	35.718	23.00	77.0	23·80	77.1	G	8 12 „
17	35·924	23.13	78.2	23.52	77.9	C	9 12 „
18	35.993	23.00	79·3	23.15	78.5	C	10 12 „
19	34.895	23.05	80.7	22.65	79.5	C	11 12 „
20	34.346	22.85	81.4	22·51	80.2	C	Noon.
21	34.621	22.71	82.2	22.65	80·7	B	1 12 p. m.
22	35.032	22.45	83.0	22·55	81.5	B	2 12 „
23	35.513	22.28	83·0	22·45	82.3	B	3 12 „
Mar. 4th-Noon.	35.513	22.21	83.0	22.35	82.6	B	4 12 „
1	35.375	22·12	82.7	22.39	83.0	G	5 12 „
2	34.964	22.15	81.9	22.54	82.9	G	6 12 „
3	35·101	22.15	81.2	22.80	82.1	G	7 12 „
4	35.307	22.10	81.0	22.90	81.5	G	8 12 „
5	35.170	22·13	80.6	23.00	81.1	C	9 12 „
6	35.513	21.95	80.4	23.07	80.8	C	10 12 „
7	35.513	21.88	80.2	23.25	80.6	C	11 12 „
8	35.650	21.85	80.0	23.30	80.3	C	Midnight.
9	35.650	22.05	79.5	23.40	80·0	B	1 12 a. m.
10	35.513	22.08	79.0	23.55	79.6	B	2 12 „
11	35·238	22.28	78.4	23.60	79.1	B	3 12 „
12	35·170	22.35	78.4	23.70	78.7	B	4 12 „
13	35.101	22·30	78.2	23.86	78.5	G	5 12 „
14	35.238	22.65	77.9	23.86	78·4	G	6 12 „
15	35.307	22.66	77.2	23.70	78.0	G	7 12 „
16	36.610	22.95	77.8	23.70	78·1	G	8 12 „
17	37.159	23.10	78.9	23.36	79.0	C	9 12 „
18	36.473	23.20	80.8	22.79	80.2	C	10 12 „
19	35.170	23.42	82.7	22.10	82.0	C	11 12 „
20	34.621	23.08	85.0	22.09	83.1	C	Noon.
21	35.307	22.35	85.3	22.30	83.5	B	1 12 p. m.
22	35·718	22.05	85.5	22.35	84.4	B	2 12 „
23	36.061	21.52	85.8	22.30	85.0	B	3 12 „

DAILY OBSERVATIONS, FROM 6TH TO 8TH MARCH 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time 1864.
h.							h. m.
Mar. 6th-Noon.	35·238	21.20	86°0	22.20	85°4	G	4 12 p. m.
1	35·513	20.83	85.2	22.30	85.5	G	5 12 „
2	36.964	21.05	84.1	22.48	84.7	G	6 12 „
3	35.718	21.15	83.7	23.00	84.0	G	7 12 „
4	35.307	21.15	83.0	22.96	83.5	G	8 12 „
5	35.170	21.20	82.4	22.75	83.2	C	9 12 „
6	35.101	21.23	82.1	22.66	83.0	C	10 12 „
7	36.610	20.81	82.0	22.93	82.7	C	11 12 „
8	36.267	20.91	82.0	22·93	82.5	C	Midnight.
9	35.718	21.15	81.6	22.85	82.1	B	1 12 a. m.
10	35.513	21.50	81.2	23.00	81.5	B	2 12 „
11	35.650	21.35	81.3	23.10	81.5	B	3 12 „
12	35.513	21.37	81.2	23.15	81.3	B	4 12 „
13	35.787	21.50	81.0	23.20	81.1	G	5 12 „
14	35.993	21.57	80.6	23.36	81.0	G	6 12 „
15	36.336	21.55	80.0	23.24	80.5	G	7 12 „
16	36.885	21.60	81.0	23.00	80.7	G	8 12 „
17	36.542	21.93	82.0	22.70	81.4	C	9 12 „
18	35.718	21.75	83.0	22.26	82.2	C	10 12 „
19	34·827	21.61	84.1	22.11	83.0	C	11 12 „
20	34.278	21.28	85.3	22.00	84.5	C	Noon.
21	34.141	20.90	86.2	22·25	84.6	B	1 12 p. m.
22	34.552	20.68	86.9	22.20	85.3	B	2 12 „
23	34.964	20.48	87.3	22.15	86.2	B	3 12 „
Mar. 7th-Noon.	35.307	20.43	86.5	22.22	86.3	B	4 12 „
1	35.787	20.70	85.7	22.30	85.8	G	5 12 „
2	35.170	20.42	85.0	22.50	85.2	G	6 12 „
3	35.101	20·40	84.4	22.68	84.8	G	7 12 „
4	35.307	20.35	84.0	22·96	84.3	G	8 12 „
5	35.307	20.50	83·9	23.00	83.8	C	9 12 „
6	35.650	20.88	83.5	23.26	83.3	C	10 12 „
7	35·924	20.89	83.1	23.26	83.0	C	11 12 „
8	35.924	20.89	82.7	23.20	82.9	C	Midnight.
9	35.718	21.07	82·5	23.20	82.5	B	1 12 a. m.
10	35·856	21.08	82.5	23.25	82.5	B	2 12 „
11	35.993	21.18	82.5	23.25	82.5	B	3 12 „
12	35.718	21.05	82.1	23.22	82.4	B	4 12 „
13	35.924	21.25	81.5	23·34	82.2	G	5 12 „
14	35.993	21.60	81.3	23.40	82.0	G	6 12 „
15	36·199	21.55	81.0	22.45	81.7	G	7 12 „
16	35.787	21·89	81.5	22.00	81.6	G	8 12 „
17	35.856	22.14	82.8	21.75	82.5	C	9 12 „
18	35.307	22.28	83.4	21.57	83.0	C	10 12 „
19	34.209	22.28	84.2	21.40	83·4	C	11 12 „
20	33.249	21.99	84.3	21.40	83.6	C	Noon. „
21	33.935	21.71	84.3	21.70	83.6	B	1 12 p. m.
22	34.484	21·51	84.3	21.78	84.0	B	2 12 „
23	35.101	21.28	84.3	21.80	84.4	B	3 12 „
Mar. 8th-Noon.	35.101	21.28	84.0	21.60	84.5	B	4 12 „
1	34.484	21.25	83.7	21.50	84.9	G	5 12 „
2	34.415	21.35	82·6	21·80	83.8	G	6 12 „
3	35.101	21.47	82.0	21.90	83.4	G	7 12 „
4	34.895	21.50	81.8	22.00	82.8	G	8 12 „
5	34.758	21.55	81.3	22.15	82.5	C	9 12 „
6	34.758	21.61	81.0	22.17	82.1	C	10 12 „
7	35.032	21.63	80.9	22.60	82.0	C	11 12 „
8	35.101	21.59	80.9	22.90	81.7	C	Midnight.
9	34.984	21.50	80.7	23.00	81.4	B	1 12 a. m.
10	34.758	21.70	80·6	23.05	81·1	B	2 12 „
11	35.032	21.82	80.1	23.05	80.6	B	3 12 „

DAILY OBSERVATIONS, FROM 8TH TO 10TH MARCH 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
MAR. 8TH—12	34·484	22.00	79°6	23.00	80°3	B	4 12 a. m.
13	34.827	21.50	79.4	23.00	80·0	G	5 12 „
14	34.621	22.15	79·0	23.30	79.8	G	6 12 „
15	34.484	22.35	79.0	23.50	79.5	G	7 12 „
16	36.679	22.60	79.5	23.50	79·7	G	8 12 „
17	37.433	22.89	80.5	23·01	80.4	C	9 12 „
18	37.022	23.05	81.6	22.54	81.0	C	10 12 „
19	35.238	23·00	82.0	22.36	81.3	C	11 12 „
20	34.141	22·72	82.5	22.26	82.0	C	Noon.
21	33.660	22.35	83·0	22.40	82.1	N	1 12 p. m.
22	34.484	22.00	83.5	22.50	82.8	N	2 12 „
23	34·621	21.64	83.2	22.32	83.2	N	3 12 „
MAR. 9TH-Noon.	34.895	21.07	83.0	22.25	83.6	N	4 12 „
1	34.346	21.30	82.5	22.30	83.2	G	5 12 „
2	34.278	21.50	81.8	22·50	82.8	G	6 12 „
3	34.689	21.70	81.0	22.76	82.5	G	7 12 „
4	34.689	21·75	80.8	22.90	81.5	G	8 12 „
5	34·552	21.80	80·2	23.00	81.2	C	9 12 „
6	35.101	21.84	79.9	23.12	80.6	C	10 12 „
7	35·444	21.84	79.5	23.25	80.0	C	11 12 „
8	35.238	21.77	79.3	23.26	80.2	C	Midnight.
9	35.718	21.64	79.0	23·22	80.0	N	1 12 a. m.
10	35.718	21.88	79.0	23.23	79.7	N	2 12 „
11	35.238	21.90	78.5	23·18	79.2	N	3 12 „
12	35.170	22.05	78.2	23.29	79.0	N	4 12 „
13	34.895	22.05	78.0	23.31	78.7	G	5 12 „
14	35.375	22.20	77.1	23.45	78.5	G	6 12 „
15	35.856	22.35	77.0	23.72	78.0	G	7 12 „
16	36.061	22.80	77.9	23.35	78.2	G	8 12 „
17	36.679	22.91	79.3	22.94	79.0	C	9 12 „
18	35.993	23.07	80.0	22·46	80.0	C	10 12 „
19	34.552	23.08	81.0	22.16	80.6	C	11 12 „
20	33·180	22.83	81.6	22.11	81.1	C	Noon.
21	33.798	22.45	82.0	22·61	81.2	N	1 12 p. m.
22	34.964	22.23	82.2	22.78	82.0	N	2 12 „
23	35.238	22·00	82.0	22.70	82.2	N	3 12 „
MAR. 10TH-Noon.	35.787	21.40	82.0	22·60	82.5	N	4 12 „
1	36.267	20.85	81.4	22.54	82.5	G	5 12 „
2	34.895	20.95	80.7	22.50	82.0	G	6 12 „
3	35.307	21.05	80.0	22.68	81.1	G	7 12 „
4	35.238	20.75	79·8	23·00	80.9	G	8 12 „
5	34.827	21.35	79.4	23.00	80.5	C	9 12 „
6	35.513	21.10	79.2	23.06	80.2	C	10 12 „
7	35.787	21.00	79.2	23.26	80·0	C	11 12 „
8	36.885	20.73	79.0	23.33	79.6	C	Midnight.
9	36.473	21·11	78.3	23.40	79.0	N	1 12 a. m.
10	36.679	21·70	78.2	23.56	78.8	N	2 12 „
11	37.433	21.52	77.9	23.55	78.2	N	3 12 „
12	37.914	21.48	77.5	23·40	78.0	N	4 12 „
13	37.228	21.25	77.1	23.40	77.7	G	5 12 „
14	37·571	21.45	76.5	23.65	77.2	G	6 12 „
15	36.542	22.04	76.0	23·50	77.0	G	7 12 „
16	37.022	22.02	76.8	23·50	77.0	G	8 12 „
17	37·228	21.82	78.3	23.42	78.0	C	9 12 „
18	35.581	21.90	79.8	22.75	78.8	C	10 12 „
19	34.484	21.92	80.7	22.55	79.8	C	11 12 „
20	34.209	21.70	81.2	22.54	80·3	C	Noon.
21	35.170	21.00	81.9	22.70	81·5	D	1 12 p. m.
22	36.885	20.81	82.0	22.60	82·3	D	2 12 „
23	36.885	20.85	82.4	22.40	83.4	D	3 12 „

DAILY OBSERVATIONS, FROM 11TH TO 14TH MARCH 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAR. 11TH-Noon.	36'885	21.00	82°3	22.40	82°8	D	4 12 p. m.
1	35.650	21.01	81.7	22.40	82.2	G	5 12 ,,
2	35.581	21.35	80.8	22.64	81.6	G	6 12 ,,
3	35.650	21.50	80.0	23.00	80.7	G	7 12 ,,
4	35.924	21.70	79.7	23.05	80.0	G	8 12 ,,
5	35.787	21.69	79.2	23.11	79.8	C	9 12 ,,
6	36.199	21.26	78.9	23.28	79.6	C	10 12 ,,
7	35.993	21.65	78.3	23.33	79.3	C	11 12 ,,
8	36.199	21.75	77.6	23.38	79.0	C	Midnight.
9	36.542	21.70	77.5	23.30	78.7	D	1 12 a. m.
10	36.542	22.00	77.4	23.30	78.5	D	2 12 ,,
11	35.170	22.10	77.6	23.35	78.1	D	3 12 ,,
12	35.856	22.00	77.4	23.40	77.8	D	4 12 ,,
13	36.199	21.75	77.0	23.48	77.4	G	5 12 ,,
14	35.924	21.95	76.8	23.50	77.0	G	6 12 ,,
15	36.679	22.40	76.2	23.50	76.8	G	7 12 ,,
16	37.228	22.60	76.7	23.46	77.0	G	8 12 ,,
17	36.199	22.65	78.0	23.09	78.0	C	9 12 ,,
18	35.170	22.70	79.0	22.69	78.7	C	10 12 ,,
19	34.003	22.70	80.0	22.37	79.2	C	11 12 ,,
20	33.249	22.48	80.6	22.44	79.8	C	Noon.
21	33.455	21.80	81.3	22.50	80.4	D	1 12 p. m.
22	34.484	21.60	81.4	22.70	81.2	D	2 12 ,,
23	35.170	21.45	81.9	22.50	81.5	D	3 12 ,,
MAR. 13TH-Noon.	34.758	22.12	81.2	22.50	81.2	G	4 12 ,,
1	34.827	22.05	80.8	22.50	81.0	G	5 12 ,,
2	35.513	21.93	80.2	22.77	80.7	G	6 12 ,,
3	35.581	21.75	79.1	22.95	80.0	G	7 12 ,,
4	35.581	21.95	78.7	23.10	79.6	G	8 12 ,,
5	35.993	21.80	78.6	23.11	79.3	C	9 12 ,,
6	36.130	21.66	78.2	23.15	79.0	C	10 12 ,,
7	35.375	22.02	78.1	23.15	78.9	C	11 12 ,,
8	35.581	22.15	78.0	23.36	78.8	C	Midnight.
9	35.513	22.20	77.8	23.40	77.5	D	1 12 a. m.
10	35.170	22.35	77.7	23.50	77.4	D	2 12 ,,
11	35.513	22.35	77.7	23.30	77.2	D	3 12 ,,
12	35.238	22.35	77.5	23.50	77.2	D	4 12 ,,
13	35.375	22.32	77.3	23.54	77.0	G	5 12 ,,
14	35.307	22.45	77.0	23.60	77.0	G	6 12 ,,
15	36.199	22.46	76.8	23.65	77.0	G	7 12 ,,
16	37.090	22.65	77.4	23.54	77.5	G	8 12 ,,
17	37.296	22.82	78.6	23.26	78.0	C	9 12 ,,
18	36.336	22.86	79.3	22.75	79.0	C	10 12 ,,
19	35.170	22.87	80.5	22.42	79.6	C	11 12 ,,
20	34.072	22.69	81.0	22.40	80.2	C	Noon.
21	35.513	22.50	81.4	22.40	80.9	D	1 12 p. m.
22	34.484	22.25	81.9	22.70	81.6	D	2 12 ,,
23	35.513	22.05	82.0	22.70	82.2	D	3 12 ,,
MAR. 14TH-Noon.	35.513	21.85	81.9	22.50	82.8	D	4 12 ,,
1	35.375	21.91	81.3	22.50	82.0	G	5 12 ,,
2	34.827	21.85	80.9	22.58	81.4	G	6 12 ,,
3	35.101	21.85	80.2	22.90	81.0	G	7 12 ,,
4	35.101	21.95	80.0	23.00	80.8	G	8 12 ,,
5	35.307	21.75	79.5	23.05	80.5	C	9 12 ,,
6	35.307	21.95	79.3	23.08	80.2	C	10 12 ,,
7	35.513	22.01	79.1	23.12	80.0	C	11 12 ,,
8	35.581	22.00	78.8	23.20	79.7	C	Midnight.
9	35.718	22.15	78.7	23.20	79.2	D	1 12 a. m.
10	35.032	22.45	78.8	23.20	79.0	D	2 12 ,,
11	34.895	22.35	78.6	23.20	78.8	D	3 12 ,,

DAILY OBSERVATIONS, FROM 14TH TO 16TH MARCH 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAR. 14TH—12	35·032	22.35	78°1	23.25	78°5	D	4 12 a. m.
13	35.101	22.40	78.0	23.38	78.3	G	5 12 ,,
14	35.513	22.44	77·8	23.50	78·1	G	6 12 ,,
15	36.199	22.45	77.8	23.60	77·3	G	7 12 ,,
16	37.433	22.61	78.8	23.50	78.2	G	8 12 ,,
17	37.914	22.78	79.8	23.16	79.4	C	9 12 ,,
18	37.022	22.80	80.5	22.69	80.0	C	10 12 ,,
19	35·375	22.84	81.3	22.30	80.8	C	11 12 ,,
20	34.552	22.65	81.7	22.36	81·3	C	Noon.
21	34.768	22.51	82.1	22.55	81.8	D	1 12 p. m.
22	35.238	22.25	82.2	22.78	82.5	D	2 12 ,,
23	35.787	22.05	82.3	22·50	82.8	D	3 12 ,,
MAR. 15TH-Noon.	35.681	22.00	81.9	22.50	82.3	D	4 12 ,,
1	35.032	21.85	81.2	22.40	82.0	G	5 12 ,,
2	35.307	22.00	80.8	22.65	81.5	G	6 12 ,,
3	34.827	22.05	80.5	22.80	81.0	G	7 12 ,,
4	34.964	22.14	80.0	23.00	80.9	G	8 12 ,,
5	35.238	22.05	79.8	23.00	80.7	C	9 12 ,,
6	35.170	22.08	79.7	23.07	80.4	C	10 12 ,,
7	35.513	22.09	79.5	23.17	80·2	C	11 12 ,,
8	35.856	22.06	79.2	23.26	80.0	C	Midnight.
9	35.513	22.20	79.0	23.20	79·7	D	1 12 a. m.
10	35.238	22.20	79.1	23.30	79.1	D	2 12 ,,
11	35.170	22.10	79.0	23.15	78.8	D	3 12 ,,
12	34.827	22.20	78.9	23.10	78.7	D	4 12 ,,
13	34.895	22.30	78.6	23.10	78.5	G	5 12 ,,
14	35.238	22.26	78.4	23.42	79.0	G	6 12 ,,
15	35.924	22.35	78.5	23.40	78.8	G	7 12 ,,
16	36.473	22.54	79.2	23.38	79.1	G	8 12 ,,
17	36.473	22.63	80.0	23.02	79.6	C	9 12 ,,
18	36.473	22.85	80.8	22.77	80.4	C	10 12 ,,
19	35.170	22.83	81.5	22.51	81.0	C	11 12 ,,
20	34.209	22.55	82.2	22.50	81.5	C	Noon.
21	34.827	22.05	82.7	22.50	81.8	D	1 12 p. m.
22	35.856	21.85	83.0	22·50	82.5	D	2 12 ,,
23	35·856	21.90	83.1	22.35	83.4	D	3 12 ,,
MAR. 16TH-Noon.	35.924	21.85	82.9	22.20	83.9	D	4 12 ,,
1	35.513	21.79	82.2	22.30	83.0	G	5 12 ,,
2	35.513	21.62	81.7	22.60	82.8	G	6 12 ,,
3	35.581	21.60	81.3	22.60	82.0	G	7 12 ,,
4	35.856	21.75	81.0	22.90	81.6	G	8 12 ,,
5	35.718	21.67	80.9	23.00	81.6	C	9 12 ,,
6	35.444	21.72	80.6	23.00	81.3	C	10 12 ,,
7	35.581	21.79	80.4	23.07	81.1	C	11 12 ,,
8	35.718	21.93	80.0	23.11	80.7	C	Midnight.
9	35.513	22.05	79.4	23.20	80.4	D	1 12 a. m.
10	35.170	22.10	79.3	23.15	79.8	D	2 12 ,,
11	35.238	22.05	79.2	23.10	79.5	D	3 12 ,,
12	34.827	22.15	79.1	23.10	79.3	D	4 12 ,,
13	35.307	22.35	78.5	23.18	79.0	G	5 12 ,,
14	36.061	22.29	78.0	23.30	79.0	G	6 12 ,,
15	36.885	22.46	77.7	23.42	78·5	G	7 12 ,,
16	36.963	23.07	78.3	23.38	79.0	G	8 12 ,,
17	37.022	22.59	79.7	22.95	79.8	C	9 12 ,,
18	36.404	22·65	81.0	22.71	80.6	C	10 12 ,,
19	35.170	22.45	82.0	22.26	81.3	C	11 12 ,,
20	34.072	22.36	82.8	22.15	82.2	C	Noon.
21	34.141	22.14	83.2	22.10	83.9	D	1 12 p. m.
22	34.484	21.90	83.7	22.10	84.2	D	2 12 ,,
23	35·170	21.89	83.6	22.10	84·3	D	3 12 ,,

DAILY OBSERVATIONS, FROM 17TH TO 20TH MARCH 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Foce Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Mar. 17th-Noon.	35·238	21.71	83°5	22.00	84°5	D	4 12 p. m.
1	35.307	21.70	83.0	22.00	84.0	G	5 12 „
2	35.513	21.79	82.7	22.30	83.8	G	6 12 „
3	35.032	21.82	82.2	22.46	83.2	G	7 12 „
4	35.101	21.90	82.0	22.50	83.0	G	8 12 „
5	35.101	21.92	81.7	22.70	82.8	C	9 12 „
6	35.032	21.96	81.2	22.72	82.3	C	10 12 „
7	35.101	22.09	81.0	22.86	82.0	C	11 12 „
8	34.964	22.20	80.7	22.88	81.6	C	Midnight.
9	35.170	22.15	80.4	23·00	81·3	D	1 12 a. m.
10	35·170	22.30	80.1	22.90	80.9	D	2 12 „
11	35.170	22.65	80·0	22.80	80.3	D	3 12 „
12	35·513	22.40	79.6	22.90	80.1	D	4 12 „
13	35.513	22.50	79.3	22.96	80.0	G	5 12 „
14	35.993	22·50	78.7	23.10	79.5	G	6 12 „
15	36.885	22.40	78.6	23.24	79.4	G	7 12 „
16	37.159	22.60	79.2	23.29	79.5	G	8 12 „
17	36.610	22.73	80.4	23.00	80.4	C	9 12 „
18	35.513	22.73	81.4	22.30	81.1	C	10 12 „
19	35.238	22·56	82.2	22.11	81.8	C	11 12 „
20	34.346	22.37	82.8	22.07	82.5	C	Noon.
21	35.101	22.05	83.0	22.00	83.4	D	1 12 p. m.
22	35.513	21·65	84.0	22.00	83.9	D	2 12 „
23	35.513	21.25	84.1	21.85	84.3	D	3 12 „
Mar. 18th-Noon.	35.681	21.00	84.0	21·90	84.7	D	4 12 „
1	35.101	21.35	83.4	21.90	85.0	G	5 12 „
2	34.964	21.40	82.5	22.02	84.1	G	6 12 „
3	35.375	21.35	82.0	22.50	83.6	G	7 12 „
4	35.513	21.50	81.7	22.50	82.9	G	8 12 „
5	35.101	21.74	81.2	22·50	82.9	C	9 12 „
6	35.101	21.87	81.2	22.65	82.6	C	10 12 „
7	35.170	21·88	81.2	22.73	82.2	C	11 12 „
8	35.307	21.91	80.8	22.88	81.8	C	Midnight.
9	35.170	22.00	80.2	22.90	81.0	D	1 12 a. m.
10	34.758	22.05	80.0	22.95	80.4	D	2 12 „
11	35.170	22.10	79.7	23.00	80.2	D	3 12 „
12	34.827	22.20	79.2	23.00	79.7	D	4 12 „
13	34.552	22.20	79.0	23.05	80.0	G	5 12 „
14	35.718	22.30	78.8	23.35	79.8	G	6 12 „
15	36.679	22·30	79.0	23.50	79.5	G	7 12 „
16	37.228	22.40	80.0	23.90	79.8	G	8 12 „
17	37.776	22.55	81.0	23.00	80.6	C	9 12 „
18	36.542	22·59	82.0	22.64	81.3	C	10 12 „
19	35.170	22.45	82.2	22.23	82.0	C	11 12 „
20	34.415	22.35	82.5	22.23	82.6	C	Noon.
21	34.346	22·25	83.5	22.10	83.8	D	1 12 p. m.
22	35.101	21.90	84.1	22.00	84.3	D	2 12 „
23	35.993	21.15	84.0	22.20	84.7	D	3 12 „
Mar. 20th-Noon.	35.170	21·84	83.1	22.26	84.0	C	4 12 „
1	35.238	21.75	82.4	22.40	83.2	G	5 12 „
2	35.170	21.62	81.8	22.48	82.8	G	6 12 „
3	35.650	21.60	81.6	22.60	82.3	G	7 12 „
4	35.650	21.50	81.4	22.65	82.0	G	8 12 „
5	35.856	21.61	81.0	22.70	81.8	C	9 12 „
6	35.856	21·73	80.5	22.87	81.6	C	10 12 „
7	35.856	21·90	80·4	22.83	81.5	C	11 12 „
8	35.581	21.91	80·3	22.89	81.3	C	Midnight.
9	35.787	21.95	80.0	22.95	80.8	B	1 12 a. m.
10	35.650	21.90	79.6	23.00	80.5	B	2 12 „
11	35.238	21.90	79.5	23.00	80.2	B	3 12 „

DAILY OBSERVATIONS, FROM 20TH TO 23RD MARCH 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAR. 20TH—12	35·238	21.97	79·2	23.02	79·8	B	4 12 a. m.
13	35·101	22.05	79.0	23.10	79.5	G	5 12 „
14	35.787	22.05	78.5	23.26	79.0	G	6 12 „
15	37.022	22.20	78·0	22.95	78.5	G	7 12 „
16	37.914	22.57	78.4	22.80	79.1	G	8 12 „
17	37.365	22.60	79.4	22.40	80.1	C	9 12 „
18	37.296	22.89	80.7	22.36	80.6	C	10 12 „
19	35.581	22.75	81.7	21.69	81·4	C	11 12 „
20	33.798	22.43	82.4	21.50	82.2	C	Noon.
21	32.631	22.17	83·1	21.75	82.6	B	1 12 p. m.
22	32.906	21.97	83·5	21.75	83.3	B	2 12 „
23	33.798	21.85	84·0	21.75	83.9	B	3 12 „
MAR. 21ST—Noon.	34.827	21.71	84.0	21·80	84.5	B	4 12 „
1	35.650	21.55	83·6	21.90	84.4	G	5 12 „
2	35.032	21.70	82.8	22·00	83·5	G	6 12 „
3	35.170	21.74	82.2	22.10	83.0	G	7 12 „
4	35.170	21.75	81.9	22.30	82.6	G	8 12 „
5	35.238	21.84	81.5	22.30	82.5	C	9 12 „
6	35.170	21.88	81.2	22.40	82.2	C	10 12 „
7	35.238	21.93	81.0	22.45	82.0	C	11 12 „
8	35.238	21.95	80.8	22·45	81.6	C	Midnight.
9	34.964	21.94	80.5	22.50	81.2	B	1 12 a. m.
10	35.307	21.90	80.1	22.45	80.7	B	2 12 „
11	35.375	22·00	79.8	22.60	80.5	B	3 12 „
12	35.238	22.15	79.5	22.60	80.3	B	4 12 „
13	35.170	22.25	79.4	22.68	80.0	G	5 12 „
14	35.650	22.30	79.3	22.80	79.5	G	6 12 „
15	36.816	22·49	79.5	22.90	79.5	G	7 12 „
16	37.433	22.60	80.0	22.82	80.0	G	8 12 „
17	37.228	22.75	81.0	23.10	80.6	C	9 12 „
18	35.787	22.84	82.0	22.40	81.4	C	10 12 „
19	35.032	22.85	82.2	21.77	81.8	C	11 12 „
20	34.346	22·75	82.6	21.53	82.3	C	Noon.
21	33.112	22.31	82.9	21·50	82.6	B	1 12 p. m.
22	33.455	21.93	82.9	21·65	83.0	B	2 12 „
23	34.278	21.82	82·9	21.78	83.4	B	3 12 „
MAR. 23RD—Noon.	35.513	21·90	82.8	21.85	83.4	G	4 12 „
1	35.307	21.85	82.0	21.76	83.1	G	5 12 „
2	34.631	21.95	81·1	21.80	82·8	G	6 12 „
3	34.895	21.96	81.0	22.10	82.5	G	7 12 „
4	35.170	22.10	80·6	22·38	81·9	G	8 12 „
5	35.444	22·00	80.1	22.50	81·4	C	9 12 „
6	35.238	22.07	80·0	22.50	81.0	C	10 12 „
7	35.238	22.14	79.7	22.59	80·6	C	11 12 „
8	35.444	22·17	79.5	22.60	80.4	C	Midnight.
9	35.444	22.28	79.4	22.78	80.0	B	1 12 a. m.
10	35·238	22.19	79.1	22.84	79.7	B	2 12 „
11	34·964	22·30	78.9	23.00	79.5	G	3 12 „
12	35.101	22.35	78.8	23.08	79.2	G	4 12 „
13	35·238	22·32	78.3	23.01	79.2	C	5 12 „
14	35.787	22.34	78.0	23.06	79.0	C	6 12 „
15	36.061	22.55	77.6	23.08	78.4	B	7 12 „
16	36·336	22.82	77.9	23.00	78.5	B	8 12 „
17	36.473	23.23	79.0	22.94	79.0	G	9 12 „
18	36.336	23.30	80.3	22.50	79.8	G	10 12 „
19	35.101	23·29	81.3	21.95	80.5	C	11 12 „
20	33.112	23.01	82.0	21.75	81.3	C	Noon.
21	32·974	22.73	82.4	22.00	81.7	B	1 12 p. m.
22	34.072	22.42	82.5	22.42	82.3	B	2 12 „
23	35.238	22.10	82.5	22.50	80.9	G	3 12 „

DAILY OBSERVATIONS, FROM 25TH TO 28TH MARCH 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAR. 25TH-Noon.	36·542	21.00	83°0	22.20	83°5	G	4 12 p. m.
1	36.199	21.05	82.5	22.00	83.2	G	5 12 ,,
2	36.473	20·92	82.0	22.18	83·0	G	6 12 ,,
3	35·856	20·84	81.4	22.30	82.5	G	7 12 ,,
4	37.296	20.85	81.0	22.60	82.0	G	8 12 ,,
5	36.473	20.94	80.6	22.63	81.8	C	9 12 ,,
6	35.513	21.09	80.3	22.64	81.5	C	10 12 ,,
7	35.444	21.45	80.3	22.50	81.2	C	11 12 ,,
8	35.238	21.59	80.1	22.70	81.1	C	Midnight.
9	35.238	21.72	80.1	22.75	80.7	B	1 12 a. m.
10	35.513	21.76	79.6	22.75	80.5	B	2 12 ,,
11	35·238	21·85	79.5	22.84	80·5	B	3 12 ,,
12	35.238	21·83	79.3	22.85	80.1	B	4 12 ,,
13	35.170	21.95	79·0	22.90	80.0	G	5 12 ,,
14	35.924	22.00	79.0	23.10	79.5	G	6 12 ,,
15	36.610	22.11	79.0	23.10	79.5	G	7 12 ,,
16	36·954	22.60	79.8	23.00	79.8	G	8 12 ,,
17	35.807	22.78	80.8	22.75	80·6	C	9 12 ,,
18	34·415	22.90	81.5	22.24	81.4	C	10 12 ,,
19	33·660	22.83	82.0	22.00	82.0	C	11 12 ,,
20	33.386	22·65	82.6	22.00	82.4	C	Noon.
21	33.386	22.32	83.4	21.95	83.0	B	1 12 p. m.
22	34.346	22.01	83.7	22.10	83.5	B	2 12 ,,
23	34.895	21.81	83.7	22·15	83.9	B	3 12 ,,
MAR. 27TH-Noon.	35.238	21.75	83.6	22.01	84.3	C	4 12 ,,
1	34.895	21.79	82.6	22·00	84·2	C	5 12 ,,
2	34.827	21.80	81.6	22.17	83.7	C	6 12 ,,
3	34·827	21.89	81.2	22.25	83·0	G	7 12 ,,
4	34·827	21.80	81.0	22.40	82.7	G	8 12 ,,
5	35.170	21.85	80.6	22.26	82.1	C	9 12 ,,
6	35.238	21.85	80.4	22.50	81.8	C	10 12 ,,
7	35.238	21.90	80.1	22.51	81.3	C	11 12 ,,
8	35.307	21·96	79.8	22.60	81·1	C	Midnight.
9	34.964	22.05	79.6	22.85	80.6	B	1 12 a. m.
10	35.238	22·05	79.6	23.05	80.6	B	2 12 ,,
11	35.513	22.10	79.5	23·12	80.4	B	3 12 ,,
12	35.513	22.15	79.0	23·25	80.3	B	4 12 ,,
13	34.827	22.14	78.7	23.30	80.0	G	5 12 ,,
14	35.856	22.24	78.7	23.46	79.8	G	6 12 ,,
15	36.542	22.26	79·0	23.50	79.5	G	7 12 ,,
16	36.816	22.55	79.4	23.38	79.5	G	8 12 ,,
17	36.336	22.90	80.2	23.19	80·4	C	9 12 ,,
18	36.130	23·04	81.0	22.90	81·0	C	10 12 ,,
19	35.513	23.04	81.7	22.50	81.6	C	11 12 ,,
20	34.346	22.95	82.1	22.48	82.1	C	Noon.
21	34.278	22.71	82.5	22.50	82.4	B	1 12 p. m.
22	34·552	22.45	82.6	22.55	82.8	B	2 12 ,,
23	35.238	22.23	83·0	22·64	83.4	B	3 12 ,,
MAR. 28TH-Noon.	35.307	22.14	83.1	22.60	83.9	B	4 12 ,,
1	35.101	22.10	82.7	22.44	83.9	G	5 12 ,,
2	34.758	22.10	82.0	22.50	83.5	G	6 12 ,,
3	34.621	22·10	81.7	22.66	83·0	G	7 12 ,,
4	34.758	22.04	81·2	22.80	82.5	G	8 12 ,,
5	35.170	21.80	80.7	23.00	82.1	C	9 12 ,,
6	35.307	21·84	80.4	23.04	82.0	C	10 12 ,,
7	35.444	21.85	80.2	23.04	81.6	C	11 12 ,,
8	35.444	22.00	80.0	23.08	81.2	C	Midnight.
9	35.307	22.00	79.5	23.02	80.7	B	1 12 a. m.
10	35.856	22.03	79.5	23.15	80.5	B	2 12 ,,
11	35.581	22.10	79.2	23.25	80.4	B	3 12 ,,

DAILY OBSERVATIONS, FROM 28TH TO 30TH MARCH 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Mar. 28th—12	35·375	22.10	79°0	23.30	80°1	B	4 12 a. m.
13	35.856	22.10	79.0	23.38	80.0	B	5 12 „
14	35.581	22.30	78.8	23.30	79.8	G	6 12 „
15	35·375	22·65	79.0	23.30	79.4	G	7 12 „
16	35.101	22.90	79.8	23.28	80.0	G	8 12 „
17	34.827	23.03	80.8	23.00	80.7	C	9 12 „
18	34·964	23.03	81.5	22.78	81.4	C	10 12 „
19	34.209	22.62	82·2	22.45	82.1	C	11 12 „
20	33.249	22.55	83.0	22.30	82.7	C	Noon.
21	32.974	22.10	83.4	22.45	83.1	B	1 12 p. m.
22	33.935	21.28	83.6	22.55	83.6	B	2 12 „
23.	34.827	21.35	83.6	22.65	84.1	B	3 12 „
Mar. 29th-Noon.	34.758	21.43	83.9	22.55	84.5	B	4 12 „
1	34.875	21.10	83.3	22.50	84.2	G	5 12 „
2	34.964	20·75	82.8	22.50	83.8	G	6 12 „
3	36.267	20.65	82.0	22.83	83.0	G	7 12 „
4	35.375	20.95	81.7	22.80	82.8	G	8 12 „
5	35.375	20.96	81.4	22.90	82.6	G	9 12 „
6	35·238	21.29	81.2	22.95	82.3	G	10 12 „
7	35.924	21.15	81.0	23.04	82.0	C	11 12 „
8	36.199	21.15	80.9	23.09	81.8	G	Midnight.
9	36.610	21.00	80.5	23.15	81.4	H	1 12 a. m.
10	36.061	21.30	80.1	23.15	80.8	B	2 12 „
11	36.199	21.40	79·7	23.30	80.6	B	3 12 „
12	36.404	21.60	79·5	23.29	80.2	B	4 12 „
13	36.542	21.65	79.3	23.30	80.0	G	5 12 „
14	36.542	21.65	78.8	23.50	79.7	G	6 12 „
15	37.022	21.96	78.8	23.45	79.4	G	7 12 „
16	36.885	22.10	79.7	23.24	79.8	G	8 12 „
17	36.473	22.16	80.4	22.96	80.5	C	9 12 „
18	36.267	22.10	81·5	22.80	81.3	C	10 12 „
19	34.827	22.14	82.6	22.50	82.0	C	11 12 „
20	33.592	22.19	83.2	22.41	82.7	C	Noon.
21	32.974	22.11	83.6	22.45	83.0	B	1 12 p. m.
22	33.729	21.88	83.8	22.52	83.5	B	2 12 „
23	34.415	21.71	83.8	22.35	84.0	B	3 12 „
Mar. 30th-Noon.	34.346	21.51	83.5	22.38	84.1	B	4 12 „
1	34.141	21.32	82.9	22.50	83.7	G	5 12 „
2	34.415	21.35	82.2	22.80	83.2	G	6 12 „
3	34.415	21.56	81.9	22.80	83.0	G	7 12 „
4	35.607	21.55	81.5	23.10	82.7	G	8 12 „
5	35.581	21.38	81.3	23.00	82.3	C	9 12 „
6	35.581	21.26	81.1	23.00	82.1	C	10 12 „
7	36.404	21.09	81.0	23.04	82.0	C	11 12 „
8	36.473	21.15	80.8	23.08	81.6	C	Midnight.
9	36.610	21.13	80.5	23.10	81.1	B	1 12 a. m.
10	36.404	21.30	80.1	23.15	80.8	B	2 12 „
11	36·130	21.40	79.9	23.24	80.5	B	3 12 „
12	36.061	21.70	79.8	23.25	80.5	B	4 12 „
13	35.924	21.80	79.7	23.30	80.2	G	5 12 „
14	36.542	21.72	79.1	23.80	80.0	G	6 12 „
15	36.130	21.85	78.8	23.30	79.8	G	7 12 „
16	36.404	22.22	79.5	23·14	80.0	G	8 12 „
17	36·130	22.26	80.8	22.83	81.0	C	9 12 „
18	35.444	22.68	81.7	22.66	81.7	C	10 12 „
19	34.484	22.37	82.4	22.50	82.1	C	11 12 „
20	34.141	21.79	83.1	22.50	82.8	C	Noon.
21	33.935	21.66	83.5	22.45	83.2	B	1 12 p. m.
22	33.798	21.55	83.9	22.55	83.5	B	2 12 „
23	34.827	21.10	83.9	22.55	84.0	B	3 12 „

DAILY OBSERVATIONS, FROM 31ST MARCH TO 3RD APRIL 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizonal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
MAR. 31ST-Noon.	34.827	21.20	83°6	22.50	84°4	B	4 12 p. m.
1	34.621	21.20	83.0	22.58	84.0	G	5 12 „
2	34.621	21.35	82.2	22.80	83.2	G	6 12 „
3	34.484	21.45	81.3	22.84	83.0	G	7 12 „
4	34.621	21.38	81.2	23.00	82.8	G	8 12 „
5	35.032	21.28	81.0	23.08	82.5	C	9 12 „
6	35.307	21.50	80.7	23.10	82.2	C	10 12 „
7	35.718	21.44	80.4	23.27	81.8	C	11 12 „
8	36.473	21.80	80.2	23.35	81.4	C	Midnight.
9	36.199	21.70	79.9	23.28	81.4	B	1 12 a. m.
10	36.542	21.60	79.6	23.32	80.8	B	2 12 „
11	36.336	21.60	79.5	23.30	80.5	B	3 12 „
12	36.199	21.45	79.5	23.25	80.4	B	4 12 „
13	36.130	21.52	79.3	23.35	80.2	G	5 12 „
14	36.473	21.62	79.3	23.40	80.0	G	6 12 „
15	37.365	21.87	79.5	23.30	80.0	G	7 12 „
16	36.610	21.80	80.0	23.00	80.2	G	8 12 „
17	36.747	22.20	80.6	22.85	80.7	C	9 12 „
18	35.444	22.04	81.5	22.65	81.6	C	10 12 „
19	34.072	21.82	82.2	22.30	82.0	C	11 12 „
20	32.837	21.74	82.9	22.25	82.6	C	Noon.
21	32.769	21.50	83.0	22.50	83.0	B	1 12 p. m.
22	33.936	21.01	83.3	22.54	83.5	B	2 12 „
23	34.415	21.10	83.4	22.55	84.2	B	3 12 „
APRIL 1ST-Noon.	34.484	21.12	83.4	22.48	84.6	C	4 12 „
1	35.307	21.11	82.6	22.70	83.7	B	5 12 „
2	35.307	20.80	82.1	22.85	83.3	B	6 12 „
3	35.032	20.96	81.5	22.80	82.9	B	7 12 „
4	35.238	21.35	81.2	22.95	82.6	B	8 12 „
5	35.787	21.20	81.1	23.00	82.4	D	9 12 „
6	35.513	21.20	80.8	23.00	82.1	D	10 12 „
7	36.199	21.40	80.5	23.20	82.0	D	11 12 „
8	35.513	21.70	80.4	23.20	81.5	D	Midnight.
9	35.856	21.66	80.1	23.30	81.3	C	1 12 a. m.
10	36.061	21.66	79.9	23.38	81.1	C	2 12 „
11	35.856	21.95	79.6	23.29	80.8	C	3 12 „
12	35.718	22.00	79.4	23.29	80.5	C	4 12 „
13	35.307	21.80	79.3	23.38	80.1	B	5 12 „
14	35.650	21.45	79.0	23.50	79.7	B	6 12 „
15	36.199	21.70	78.6	23.65	79.5	B	7 12 „
16	36.816	22.00	79.4	23.40	79.9	B	8 12 „
17	37.875	21.75	80.9	23.00	80.8	D	9 12 „
18	37.159	21.85	81.9	23.00	81.7	D	10 12 „
19	35.856	21.90	82.8	22.90	82.9	D	11 12 „
20	35.238	21.60	83.1	22.25	83.7	D	Noon.
21	35.238	21.23	83.4	22.42	83.7	C	1 12 p. m.
22	35.513	21.39	83.4	22.70	84.0	C	2 12 „
23	35.170	21.41	83.4	22.77	84.4	C	3 12 „
APRIL 3RD-Noon.	35.513	21.12	84.2	22.50	85.5	B	4 12 „
1	35.170	21.13	83.6	22.30	85.5	B	5 12 „
2	35.378	21.20	83.2	22.35	84.6	B	6 12 „
3	35.513	21.38	83.0	22.50	84.1	B	7 12 „
4	35.581	21.20	82.6	22.70	83.6	B	8 12 „
5	35.856	21.35	82.3	22.80	83.5	N	9 12 „
6	35.581	21.55	82.2	22.80	83.2	N	10 12 „
7	35.856	21.45	81.8	22.95	83.0	N	11 12 „
8	35.787	21.86	81.3	22.95	82.6	N	Midnight.
9	35.856	21.52	81.1	23.00	82.5	C	1 12 a. m.
10	35.718	21.69	81.0	23.00	82.3	C	2 12 „
11	35.718	21.75	80.6	23.02	82.1	C	3 12 „

DAILY OBSERVATIONS, FROM 3RD TO 5TH APRIL 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
APRIL 3RD—12	35·513	21.75	80°4	23.03	81°9	C	4 12 a. m.
13	35.581	21.74	80.4	23.10	81.5	B	5 12 ,,
14	36.199	21.70	80.1	23.20	81.2	B	6 12 ,,
15	37.433	21.83	80.5	23.12	81.1	B	7 12 ,,
16	38.257	21.85	81.4	22.85	81.5	B	8 12 ,,
17	37.708	22·29	82·0	22.00	82.2	N	9 12 ,,
18	37.022	22.20	82.9	22.10	83.0	N	10 12 ,,
19	35.170	22.15	84.0	21·80	83.4	N	11 12 ,,
20	32.700	22.10	84.2	21.94	83.8	N	Noon.
21	32.631	21.90	84.4	22.02	84.5	C	1 12 p. m.
22	33.180	21·72	84.5	22.37	85.0	C	2 12 ,,
23	34.415	21.52	84.4	22·48	85.1	C	3 12 ,,
APRIL 4TH—Noon.	35.307	21.30	84.2	22.48	85.3	C	4 12 ,,
1	35.307	21.31	84.1	22.30	85.3	B	5 12 ,,
2	34.964	21.32	83·4	22.35	84.8	B	6 12 ,,
3	34.895	21.33	83.0	22.50	84·4	B	7 12 ,,
4	34.964	21.40	82.5	22.70	83.6	B	8 12 ,,
5	34.827	21.45	82.2	22·94	83.2	G	9 12 ,,
6	35.032	21.45	82.0	22.82	83.0	G	10 12 ,,
7	34.895	21.51	81.8	22.80	82.7	G	11 12 ,,
8	35.238	21·30	81.0	23·00	82.5	G	Midnight.
9	35.238	21.73	80·5	23.05	82.1	C	1 12 a. m.
10	35.718	21.62	80.2	23.08	81.5	C	2 12 ,,
11	35.581	21.90	79.8	23·08	81.1	C	3 12 ,,
12	35·238	22.00	79.7	23.10	80.9	C	4 12 ,,
13	35.307	22.00	79.3	23.25	80.5	B	5 12 ,,
14	36.542	21.80	79.0	23.35	80.2	B	6 12 ,,
15	37.914	21.89	78.8	23.40	79.9	B	7 12 ,,
16	38.051	22.10	79.6	23.20	80.4	B	8 12 ,,
17	38·051	22.60	80.7	22.90	81.0	G	9 12 ,,
18	36.473	22.26	82.0	22.34	81.9	G	10 12 ,,
19	33.249	22·64	83.2	21·95	82.4	G	11 12 ,,
20	35.101	22.37	83.8	22.10	83.2	G	Noon.
21	32.494	21.89	84.0	22.10	84.1	C	1 12 p. m.
22	32.563	21.49	84.5	22.16	84.6	C	2 12 ,,
23	33.592	21·31	84.8	22.39	85.3	C	3 12 ,,
APRIL 5TH—Noon.	34.346	20.83	84.8	22.41	85·7	C	4 12 ,,
1	35·101	20.95	84.5	22.30	85.4	B	5 12 ,,
2	34.895	21·14	83.6	22·25	84.7	B	6 12 ,,
3	34.552	21.07	82·8	22.40	84.1	B	7 12 ,,
4	35.238	21.13	82.5	22.60	83.7	B	8 12 ,,
5	35.787	21.05	82.3	22.68	83.5	G	9 12 ,,
6	35.856	21.35	82.0	22.70	83.0	G	10 12 ,,
7	35.718	21.80	81.8	22.85	82.8	G	11 12 ,,
8	36.473	21.45	81.3	23.00	82.5	G	Midnight.
9	36.542	21.33	81.2	23.02	82.3	C	1 12 a. m.
10	35.924	21.47	81.0	23.13	82.2	C	2 12 ,,
11	35.238	21.66	80.5	23·32	81.9	C	3 12 ,,
12	35.101	21.79	80.1	23·34	81.5	C	4 12 ,,
13	35.650	21.67	79.6	23.45	81.0	B	5 12 ,,
14	35.993	21.80	79.5	23·50	80.8	B	6 12 ,,
15	37.228	21.75	79.9	23.65	80.7	B	7 12 ,,
16	37.982	21.90	81.1	23.30	81.4	B	8 12 ,,
17	37.365	22.24	82.0	22.80	82.0	G	9 12 ,,
18	35.650	21.90	83.0	22.42	82.7	G	10 12 ,,
19	33.112	22.02	83.9	22·06	83.0	G	11 12 ,,
20	32.083	21.95	84.8	22.00	84.0	G	Noon.
21	32.220	21.50	85.1	22·07	84.8	C	1 12 p. m.
22	32.769	21.30	85.1	22.29	85.2	C	2 12 ,,
23	33.798	20.96	85.1	22.41	85.3	C	3 12 ,,

DAILY OBSERVATIONS, FROM 6TH TO 8TH APRIL 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
APRIL 6TH-Noon.	35°632	20.92	84°9	22,42	85°6	C	4 12 p. m.
1	34.964	20.98	84.5	22.50	85.5	B	5 12 ,,
2	34.964	20.97	83.6	22.65	85.0	B	6 12 ,,
3	35.238	20.81	83.0	22.80	84.4	B	7 12 ,,
4	35.650	20.55	82.6	22.95	83.8	B	8 12 ,,
5	35.375	21.40	82.4	23.00	83.2	G	9 12 ,,
6	35.856	21.12	82.4	23.00	83.2	G	10 12 ,,
7	35.718	21.49	82.0	23.06	83.0	G	11 12 ,,
8	36.061	21.25	81.9	23.18	82.9	G	Midnight.
9	36.199	21.17	81.7	23.21	82.7	C	1 12 a. m.
10	36.199	21.13	81.2	23.23	82.4	C	2 12 ,,
11	35.993	21.17	80.5	23.28	82.0	C	3 12 ,,
12	35.375	21.45	80.3	23.19	81.9	C	4 12 ,,
13	35.307	21.50	80.3	23.35	81.5	B	5 12 ,,
14	36.267	21.45	80.2	23.55	81.0	B	6 12 ,,
15	37.228	21.48	80.4	23.60	81.0	B	7 12 ,,
16	37.433	21.80	81.5	23.20	81.5	B	8 12 ,,
17	37.365	21.80	82.4	22.90	81.9	G	9 12 ,,
18	36.954	21.80	83.0	22.62	83.0	G	10 12 ,,
19	35.375	21.85	83.8	22.10	83.3	G	11 12 ,,
20	33.729	21.65	84.0	22.00	83.8	G	Noon.
21	33.592	21.26	84.2	22.30	84.1	C	1 12 p. m.
22	34.141	21.42	84.3	22.50	84.5	C	2 12 ,,
23	34.141	21.35	84.3	22.50	84.6	C	3 12 ,,
APRIL 7TH-Noon.	34.415	21.25	85.2	22.60	85.3	C	4 12 ,,
1	35.170	21.05	84.0	22.60	85.0	C	5 12 ,,
2	35.513	20.90	83.3	22.75	84.5	B	6 12 ,,
3	35.170	21.08	82.5	22.85	83.6	B	7 12 ,,
4	35.238	21.05	82.0	23.00	83.4	B	8 12 ,,
5	35.238	21.05	81.8	23.00	83.0	G	9 12 ,,
6	35.513	21.45	81.1	23.00	82.6	G	10 12 ,,
7	35.444	21.60	81.0	23.08	82.2	G	11 12 ,,
8	35.824	21.60	80.8	23.20	81.8	G	Midnight.
9	36.961	21.46	80.6	23.21	81.6	C	1 12 a. m
10	35.787	21.75	80.2	23.60	81.4	C	2 12 ,,
11	35.581	21.79	80.0	23.62	81.1	C	3 12 ,,
12	35.101	22.00	79.6	23.64	80.9	C	4 12 ,,
13	34.484	22.05	79.2	23.60	80.5	B	5 12 ,,
14	35.513	22.82	79.1	23.90	80.1	B	6 12 ,,
15	36.885	21.60	79.5	23.90	80.2	B	7 12 ,,
16	38.462	21.74	80.4	23.65	80.5	B	8 12 ,,
17	37.433	22.00	81.0	23.20	81.2	G	9 12 ,,
18	36.404	21.86	82.0	22.80	81.7	G	10 12 ,,
19	35.032	21.74	82.7	22.64	82.0	G	11 12 ,,
20	33.866	21.35	83.0	22.70	82.8	G	Noon.
21	33.523	21.09	83.5	22.71	83.7	C	1 12 p.m.
22	34.003	21.11	83.9	22.74	84.0	C	2 12 ,,
23	33.935	21.20	84.0	22.65	84.4	C	3 12 ,,
APRIL 8TH-Noon.	34.141	20.95	84.0	22.65	84.9	C	4 12 ,,
1	34.415	20.72	83.5	22.80	84.5	B	5 12 ,,
2	34.827	20.52	82.6	23.00	84.0	B	6 12 ,,
3	34.758	20.84	82.1	23.15	83.5	B	7 12 ,,
4	34.827	21.12	81.6	23.30	83.0	B	8 12 ,,
5	34.552	21.40	81.4	23.42	82.8	G	9 12 ,,
6	35.513	21.30	81.2	23.50	82.5	G	10 12 ,,
7	36.130	21.45	81.2	23.58	82.4	G	11 12 ,,
8	36.267	21.10	81.0	23.60	82.0	G	Midnight.
9	36.336	21.09	80.9	23.61	81.9	C	1 12 a. m.
10	36.199	21.09	80.7	23.66	81.7	C	2 12 ,,
11	36.130	21.42	80.3	23.62	81.4	C	3 12 ,,

DAILY OBSERVATIONS, FROM 8TH TO 11TH APRIL 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
APRIL 8TH—12	35·032	21.66	80·0	23.60	81·0	C	4 12 a. m.
13	35.513	21.65	79.5	23.65	80.8	B	5 12 „
14	36.199	21.60	79·4	23.80	80.4	B	6 12 „
15	36·542	21.75	79.2	23.85	80.0	B	7 12 „
16	36·885	22·10	80.1	23.55	80.4	B	8 12 „
17	36.885	22.10	81.0	23.40	80·8	G	9 12 „
18	36.130	22.64	82.4	22.90	82·0	G	10 12 „
19	35.101	22.67	83.0	22.74	82.6	G	11 12 „
20	33.935	22.54	83.6	22.70	83.0	G	Noon.
21	33.523	21.94	83.8	22.70	84·0	C	1 12 p. m.
22	33.866	21.54	83.9	22.70	84.3	C	2 12 „
23	33.935	21.53	83.9	22·88	84.4	C	3 12 „
APR. 10TH—Noon.	35.032	21.51	84.0	22.70	84.8	B	4 12 „
1	35.101	21.49	83.4	22.80	84.5	B	5 12 „
2	34.689	21.35	82.5	22.94	83.7	B	6 12 „
3	34.689	21.43	81.8	23.20	83.0	B	7 12 „
4	34.346	21.55	80.9	23.28	82.4	B	8 12 „
5	34.484	21.65	80.4	23.34	82·0	G	9 12 „
6	34.827	21.75	80.4	23.50	81.8	G	10 12 „
7	35.170	21·80	80.4	23·53	81.5	G	11 12 „
8	35.101	21·75	80.2	23.50	81·4	G	Midnight.
9	35.101	21.75	80·0	23.16	81.1	C	1 12 a. m.
10	35.170	21.78	79.9	23.14	81.0	C	2 12 „
11	35.101	21.83	79.7	23.20	80.9	C	3 12 „
12	35.032	21.92	79.7	23.20	80.9	C	4 12 „
13	35.032	21.90	79.6	23.30	80.6	B	5 12 „
14	35.718	21.90	79.5	23.45	80.3	B	6 12 „
15	37.090	22.00	79.5	23·45	80.4	B	7 12 „
16	38.257	22.30	80.5	23.10	80.9	B	8 12 „
17	37·296	22.85	81.4	22.84	81.3	G	9 12 „
18	34.827	23.10	82·3	22.16	82.2	G	10 12 „
19	33.249	23.05	82.8	22.30	82.7	G	11 12 „
20	31.534	22.60	83.0	22.30	83.0	G	Noon.
21	31.397	22.35	83.3	22.60	83·3	C	1 12 p. m.
22	32.426	22.09	83.4	22.90	83.7	C	2 12 „
23	33.660	21.83	83·3	22·92	84.0	C	3 12 „
APR. 11TH—Noon.	34.964	21.55	82.9	22.98	84.0	C	4 12 „
1	35.375	21·41	82.5	22.80	83.5	B	5 12 „
2	34.827	21.42	81.5	22.75	82.7	B	6 12 „
3	34·415	21.55	81.1	22.90	82.2	B	7 12 „
4	34.415	21.65	80.6	23.00	82.0	B	8 12 „
5	34.621	21·65	80.6	23.22	81.7	G	9 12 „
6	34.758	21.68	80.5	23.20	81.5	G	10 12 „
7	34.689	21.85	80.3	23.20	81.4	G	11 12 „
8	34.827	21.85	80.0	23.20	81.2	G	Midnight.
9	35.170	21.90	80.0	23.30	81.0	C	1 12 a. m.
10	35·170	21.95	79.9	23.31	80.9	C	2 12 „
11	34.827	21.92	79.9	23.25	80.9	C	3 12 „
12	34·758	21·95	79.9	23.21	80.9	C	4 12 „
13	34.621	21.95	79.9	23.30	80.6	B	5 12 „
14	35.101	22.02	79.6	23.35	80·6	B	6 12 „
15	35.513	22.25	79.8	23.40	80.5	B	7 12 „
16	36.816	22.35	80.7	23.10	81·0	B	8 12 „
17	36.679	22.60	81.9	22.70	81.8	G	9 12 „
18	34.552	22.79	82.7	21.30	82.5	G	10 12 „
19	33.455	22.75	83.5	21.25	83.0	G	11 12 „
20	33.249	22.53	84.0	21.45	83.4	G	Noon.
21	32.631	22.18	84.1	21.40	84.0	C	1 12 p. m.
22	33·112	21.98	84.2	21.58	84.3	C	2 12 „
23	34.209	21.60	84.4	21.52	85.0	C	3 12 „

DAILY OBSERVATIONS, FROM 12TH TO 14TH APRIL 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Apr. 12th-Noon.	35·307	21.26	84°3	21.47	85°2	C	4 12 p. m.
1	35·856	21.16	83.9	21.50	85.2	B	5 12 ,,
2	35.375	21.23	83.3	21.60	84.5	B	6 12 ,,
3	35.375	21.34	82.5	21.75	83.8	B	7 12 ,,
4	35.238	21.38	82.0	21·90	83.2	B	8 12 ,,
5	35.101	21.54	81.7	22.00	82.9	G	9 12 ,,
6	35.170	21.61	81.6	22.16	82.5	G	10 12 ,,
7	35.170	21.60	81.4	22.16	82.2	G	11 12 ,,
8	35.581	21.68	81.2	22.10	82.0	G	Midnight.
9	35.650	21.69	81.0	22.10	81.9	C	1 12 a. m.
10	36.199	21.76	80.8	22.17	81.9	C	2 12 ,,
11	35.307	21.77	80.6	22.19	81.9	C	3 12 ,,
12	35.170	21.79	80.5	22.27	81.8	C	4 12 ,,
13	35.170	21.83	80.5	22.30	81.5	B	5 12 ,,
14	35.856	21.85	80.5	22.50	81.3	B	6 12 ,,
15	36.885	21.88	80.6	22.50	81.3	B	7 12 ,,
16	36.953	22.12	81.4	22.15	81.5	B	8 12 ,,
17	35.856	22.35	82.0	22.00	82.0	G	9 12 ,,
18	34·758	22.45	82.7	21.50	82.2	G	10 12 ,,
19	33.866	22.40	83·0	21.28	83.0	G	11 12 ,,
20	32.563	22.26	83·5	21.40	83.5	G	Noon.
21	32.563	22.15	84.0	21·40	84.0	C	1 12 p. m.
22	33.249	22.06	84.0	21.55	84.5	C	2 12 ,,
23	34.621	21.78	84.5	21.70	85.1	C	3 12 ,,
Apr. 13th-Noon.	35.101	21.53	83.9	21.60	85.2	C	4 12 ,,
1	35.238	21.58	83.3	21.78	84.6	B	5 12 ,,
2	35.170	21.51	82.5	21.80	84.1	B	6 12 ,,
3	34.689	21.60	82.1	21.80	83.5	B	7 12 ,,
4	34.621	21.50	81.9	21·85	83.4	B	8 12 ,,
5	35.101	21.75	81·7	21.90	83.0	G	9 12 ,,
6	35.444	21.75	81.5	22.00	82.8	G	10 12 ,,
7	35·444	21.80	81.2	22.14	82.5	G	11 12 ,,
8	35.101	21.95	81.0	22.14	82.2	G	Midnight.
9	35.170	21.83	80·5	22.20	81.0	N	1 12 a. m.
10	35·170	21.98	80.2	22.30	81.0	N	2 12 ,,
11	35.066	22.04	80.0	22.30	81.0	N	3 12 ,,
12	35.513	22.10	79.6	22.40	81.0	N	4 12 ,,
13	35.375	22.30	79.5	22·40	80.8	B	5 12 ,,
14	36.267	22.20	79.3	22.50	80,6	B	6 12 ,,
15	36·953	22.15	79.6	22.50	80.5	B	7 12 ,,
16	36.885	22.00	80.6	22.10	81.0	B	8 12 ,,
17	35.581	22.15	81.5	22.00	81.6	G	9 12 ,,
18	34.689	22.10	82.0	21.70	82.0	G	10 12 ,,
19	33.523	22.20	82.6	21.44	82·3	G	11 12 ,,
20	33.455	22.16	83.2	21.50	83.0	G	Noon. ,,
21	33.592	22.00	83.6	21.55	83.5	N	1 12 p. m.
22	34.072	21·80	83.9	21.50	84.0	N	2 12 ,,
23	34.484	21·70	84.0	21.50	84.6	N	3 12 ,,
Apr. 14th-Noon.	34.621	21.58	84.0	21.50	84.9	N	4 12 ,,
1	34.621	21.48	83.5	21.50	84.9	B	5 12 ,,
2	34.964	21.45	82·9	21·60	84.3	B	6 12 ,,
3	34.964	21.56	82.1	21.85	83.5	B	7 12 ,,
4	34.964	21.63	81.7	21.85	83.4	B	8 12 ,,
5	35.170	21.50	81.5	21.96	83.1	G	9 12 ,,
6	35.513	21.60	81.1	22.10	82.5	G	10 12 ,,
7	35.444	21.80	81.0	22.10	82.2	G	11 12 ,,
8	35.307	21.90	81.0	22.16	82.0	G	Midnight.
9	35.375	21.85	80.3	22.30	81.8	N	1 12 a. m.
10	35.307	21.91	80·0	22.25	81·5	N	2 12 ,,
11	35.239	21.90	79.9	22.30	81.3	N	3 12 ,,

DAILY OBSERVATIONS, FROM 14TH TO 17TH APRIL 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
APR. 14TH—12	35·375	21.95	79·8	22.30	81·0	N	4 12 a. m.
13	35.513	22.00	79.8	22.30	80.8	B	5 12 „
14	35.718	21.95	79·9	22.50	80·6	B	6 12 „
15	36.267	21.88	80.1	22.50	80.6	B	7 12 „
16	36.267	22.11	80.6	22.20	81.1	B	8 12 „
17	35.718	22.25	81.7	21.94	81.7	G	9 12 „
18	35.375	22.45	82.6	21.62	82.3	G	10 12 „
19	34.346	22·35	83·3	21.30	83.0	G	11 12 „
20	33·523	22·35	83.8	21.30	83.4	G	Noon.
21	33.112	22.10	84.0	21·40	84.0	N	1 12 p. m.
22	33.455	21.95	84.1	21.50	84.3	N	2 12 „
23	34.072	21.75	84.0	21.55	84·9	N	3 12 „
APR. 15TH-Noon.	34.141	21.66	83.9	21.50	85.0	N	4 12 „
1	34.689	21.61	83.5	21.65	85.0	B	5 12 „
2	34.895	21.65	83.0	21·75	84.3	B	6 12 „
3	34.964	21.65	82.1	21.85	83.5	B	7 12 „
4	34.689	21·80	81.8	21.90	83.1	B	8 12 „
5	34.895	21.70	81·4	22.00	83.0	G	9 12 „
6	34.827	21.70	81.2	22.00	82.7	G	10 12 „
7	35·513	21.85	81.0	21.80	82.2	G	11 12 „
8	35.513	21.80	80.9	21.72	82.0	G	Midnight.
9	35.856	21.95	80.5	21·80	81.7	D	1 12 a. m.
10	35.170	22.00	80.3	22.00	81.5	D	2 12 „
11	35.101	22.00	80.0	21·95	81.3	D	3 12 „
12	35.513	22.15	79.7	22.00	81.1	D	4 12 „
13	35.513	22.15	79.3	21.95	80.6	B	5 12 „
14	35.856	22.18	79.3	22.30	80.4	B	6 12 „
15	37.228	22.25	79.6	22.35	80.6	B	7 12 „
16	37.571	22.30	80.6	22.00	81.0	B	8 12 „
17	37.022	22.47	81.7	21.50	81.5	G	9 12 „
18	35.581	22.55	82.8	21·02	82.4	G	10 12 „
19	34.484	22.45	83.8	20.94	83.3	G	11 12 „
20	33·798	22.40	84.5	21.00	83.8	G	Noon.
21	34.484	22.19	85.0	21·00	84.3	D	1 12 p. m.
22	34.141	22.05	85.7	21.00	84.7	D	2 12 „
23	34.827	21·81	85.8	20.90	85.4	D	3 12 „
APR. 17TH-Noon.	36.061	21.46	85.0	21·07	86·0	C	4 12 „
1	35.787	21.42	84.6	21.00	85.9	C	5 12 „
2	35.170	21.51	83.5	21.20	85.0	B	6 12 „
3	34.621	21.65	83.0	21.35	84.2	B	7 12 „
4	34.827	21.64	82·7	21·50	83.5	B	8 12 „
5	34.827	21.60	82.2	21.64	83.1	G	9 12 „
6	35.238	21.55	81.8	21.80	82.6	G	10 12 „
7	35.513	21.60	81.4	21.90	82·2	G	11 12 „
8	35.513	21.75	81.2	22.00	81.9	G	Midnight.
9	35.513	21·82	80.7	21.91	81.8	C	1 12 a. m.
10	35.718	21·89	80.3	21.95	81.5	C	2 12 „
11	35.513	21.94	80.0	21.98	80.9	C	3 12 „
12	35.444	21.90	79.8	21·98	80.8	C	4 12 „
13	35.444	22.00	79.5	22.01	80.5	B	5 12 „
14	35·650	22.10	79.5	22.20	80.3	B	6 12 „
15	36.953	22.25	79.5	22·35	80.4	B	7 12 „
16	37.571	22.45	80.5	22·02	80.7	B	8 12 „
17	36·885	22.72	81.7	21.60	81.4	G	9 12 „
18	35.307	22.85	82.3	21.32	82.2	G	10 12 „
19	33.866	22.77	83.4	21.30	83.0	G	11 12 „
20	33.455	22.45	84.0	21.48	83·4	G	Noon.
21	33.935	22.29	84.2	21.55	83·9	C	1 12 p. m.
22	34.552	22.05	84.3	21.59	84·7	C	2 12 „
23	35.513	21.74	84.2	21.59	85.0	C	3 12 „

DAILY OBSERVATIONS, FROM 18TH TO 20TH APRIL 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Apr. 18th-Noon.	35·850	21.62	83°5	21.50	84°9	C	4 12 p. m.
1	36.199	21.55	82.8	21.50	84.3	B	5 12 "
2	35.513	21.70	82.0	21.50	83.5	B	6 12 "
3	34·689	21.75	81.6	21.65	83.1	B	7 12 "
4	35.170	21.85	81.5	21.70	82.7	B	8 12 "
5	35.170	21.90	81.4	21.76	82.2	G	9 12 "
6	35.513	21.90	81.1	21.80	82.0	G	10 12 "
7	35·650	21.85	80.9	22.00	81.8	G	11 12 "
8	35·650	21·80	80.8	22.00	81.5	G	Midnight.
9	35.718	21.80	80.4	21.90	81.2	C	1 12 a. m.
10	35.513	21.83	80.1	21.94	81.0	C	2 12 "
11	35.170	21.85	79.9	22.00	80.9	C	3 12 "
12	35.375	21.92	79.6	22.00	80.7	C	4 12 "
13	35.375	21.80	79.2	22.00	80.5	B	5 12 "
14	36.610	22.10	79.1	22.05	80.3	B	6 12 "
15	37.228	22.32	79.5	22.10	80.4	B	7 12 "
16	37.433	22·45	80.4	21.82	80.7	B	8 12 "
17	36.885	22.70	81.8	21.32	81·5	G	9 12 "
18	35.856	22.90	82.5	21.04	82·2	G	10 12 "
19	34.895	22.80	83.4	21.05	82·8	G	11 12 "
20	34.141	22.55	83.7	21.14	83.4	G	Noon.
21	33.866	22.20	84.1	21.30	84.0	C	1 12 p. m.
22	34.278	21.93	84.1	21.59	84.4	C	2 12 "
23	34.827	21.74	84.0	21.40	84.8	C	3 12 "
Apr. 19th-Noon.	35.307	21.73	83.9	21.40	84.8	C	4 12 "
1	35.375	21.82	83.5	21.35	84.5	B	5 12 "
2	34.689	21.81	82.6	21.40	84.0	B	6 12 "
3	34.415	21.88	82·2	21.60	83.4	B	7 12 "
4	34.552	21.91	81.9	21.70	83.0	B	8 12 "
5	34.621	21.90	81.5	21.84	82.7	G	9 12 "
6	34.484	22.05	81.4	21.80	82.5	G	10 12 "
7	35.101	22.15	81.4	22.00	82.3	G	11 12 "
8	35·444	22.20	81.2	22.00	82.0	G	Midnight.
9	35.581	22.21	81.0	22.00	81.9	C	1 12 a. m.
10	35.581	22.30	80.6	22.00	81.6	C	2 12 "
11	35.307	22.30	80.2	22.01	81.2	C	3 12 "
12	35.170	22.27	79.9	22.04	81.0	C	4 12 "
13	35.581	22.25	79.5	22.10	80.6	B	5 12 "
14	36.404	22.30	79.3	22.30	80.5	B	6 12 "
15	37.571	22.45	80.0	22.15	80.6	B	7 12 "
16	38.257	22.65	81.0	21.80	81.0	B	8 12 "
17	38·051	22.95	81.8	21.50	81.8	G	9 12 "
18	36.816	23.07	82.7	21.14	82.7	G	10 12 "
19	35.581	22.75	83.5	20.90	83.0	G	11 12 "
20	34.689	22.60	84.0	21.00	83.4	G	Noon.
21	33.798	22.36	84.4	21.13	84.1	C	1 12 p. m.
22	34.827	22.07	84.6	21.40	84.9	C	2 12 "
23	35.787	21.87	84.8	21·40	85.3	C	3 12 "
Apr. 20th-Noon.	35.924	21.70	84.8	21.29	85.6	C	4 12 "
1	35.238	21.71	84.3	21.15	85.3	B	5 12 "
2	35.101	21.55	83.5	21.35	84·5	B	6 12 "
3	34.895	21.71	82.9	21.50	83.8	B	7 12 "
4	34.689	21.75	82.6	21.65	83.7	B	8 12 "
5	35.101	21.80	82.4	21.60	83.5	G	9 12 "
6	35.307	21.76	82.3	21.68	83.3	G	10 12 "
7	35.513	21.82	82.0	21.75	83.0	G	11 12 "
8	35.718	21.85	81.7	21.75	82.5	G	Midnight.
9	35.718	21.91	81.3	21.90	82.3	C	1 12 a. m.
10	35.718	22.05	80.9	21.90	82.2	C	2 12 "
11	35.375	22.08	80.7	21.93	81.9	B	3 12 "

DAILY OBSERVATIONS, FROM 20TH TO 22ND APRIL 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
APRIL 20TH—12	35·170	22.13	80°3	21.98	81°5	B	4 12 a. m.
13	35.307	22.15	80.0	22.00	81.2	G	5 12 „
14	35.444	22.35	79·9	22.00	81·0	G	6 12 „
15	36.061	22.38	80.3	22.18	81·4	C	7 12 „
16	36.336	22.59	81.3	21.90	81.9	C	8 12 „
17	36.610	22.85	82.5	21.65	82.4	B	9 12 „
18	35.375	22.96	83.5	21.30	83.2	B	10 12 „
19	33·729	23.10	84.0	21.05	83.5	G	11 12 „
20	32.837	22.85	85.0	21.06	84·2	G	Noon.
21	32.426	22.41	85.5	21.24	85.1	C	1 12 p. m.
22	32.906	22.08	85.8	21.45	85.9	C	2 12 „
23	34.072	21.81	85.7	21·65	86.2	B	3 12 „
APR. 21ST—Noon.	35.101	21.53	85.8	21.65	86.5	B	4 12 „
1	35.787	21.28	85.6	21.50	86.7	G	5 12 „
2	35.032	21.39	84.7	21.50	86.0	G	6 12 „
3	34.964	21.49	83.7	21.55	85.2	C	7 12 „
4	34.964	21.55	83.4	21.66	84.9	C	8 12 „
5	35.101	21.60	83.0	21.78	84.0	B	9 12 „
6	35.444	21.55	82.6	22.54	83.6	B	10 12 „
7	35.718	21.75	82.0	22.55	83.0	G	11 12 „
8	35.856	21.90	82.0	22.60	83.0	G	Midnight.
9	35.718	21.80	81.8	22.63	82·9	C	1 12 a. m.
10	35.856	21.89	81.4	22.69	82.6	C	2 12 „
11	34.924	21.90	81.0	22.70	82.2	C	3 12 „
12	35.375	21.95	80.5	22.70	82.0	C	4 12 „
13	35.238	22.05	80.2	22.75	81.6	B	5 12 „
14	36.610	22.20	79.6	22.95	81.1	B	6 12 „
15	37.649	22.25	80.2	22.98	81.2	B	7 12 „
16	37.776	22.40	81.4	22.60	81.8	B	8 12 „
17	37.914	22.60	82.6	22.28	82.5	G	9 12 „
18	36.816	22.62	84.0	22.00	83.0	G	10 12 „
19	35.032	22.70	84.6	21.56	83.5	G	11 12 „
20	32.563	22.65	84.9	21.54	84.0	G	Noon.
21	32.494	22.40	85.0	21·75	84.9	C	1 12 p. m.
22	33.249	22.05	85.2	21.89	85.8	C	2 12 „
23	34·415	21.84	85.2	22.00	86.2	C	3 12 „
APR. 22ND—Noon.	34.484	21.64	85.0	22.00	86.3	C	4 12 „
1	34.552	21.71	84.5	22.00	85.7	B	5 12 „
2	34.346	21.68	83.8	22.20	85.2	B	6 12 „
3	34.552	21.78	83.4	22.25	84.6	B	7 12 „
4	34.758	21.68	83.1	22.70	84.2	B	8 12 „
5	34.758	21.85	82.9	22.74	84.0	G	9 12 „
6	35.170	21.75	82.6	22.90	83.5	G	10 12 „
7	35.513	21.75	82.4	23.00	83.3	G	11 12 „
8	35.513	21.85	82.4	23.00	83.1	G	Midnight.
9	35.581	21.88	82.2	23.01	83.0	C	1 12 a. m.
10	35.856	21.80	81.6	23.04	82.7	C	2 12 „
11	35.650	21.86	81.2	23.04	82.4	C	3 12 „
12	35.444	21.86	81.0	23.05	82.2	C	4 12 „
13	35.307	22.00	81.0	23.00	81.6	B	5 12 „
14	35·513	22.00	80.5	23.15	81.8	B	6 12 „
15	36.404	22.25	80.7	23.12	81·5	B	7 12 „
16	36.885	22.45	82.3	22.90	82.3	B	8 12 „
17	36.542	22.65	83.4	22.08	83.2	G	9 12 „
18	34.827	22·80	85.0	22.00	84.1	G	10 12 „
19	33.043	22.55	86.0	21.64	85.0	G	11 12 „
20	31.945	22.25	86.4	22.00	85.5	G	Noon.
21	32.426	22.03	86.3	22.21	86.1	C	1 12 p. m.
22	33.317	21.73	86.1	22.29	86.9	C	2 12 „
23	34.689	21.35	86.1	22.48	87.0	C	3 12 „

DAILY OBSERVATIONS, FROM 24TH to 26TH APRIL 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Apr. 24th-Noon.	35·238	20.81	87°0	22.30	88°0	B	4 12 p. m.
1	35.238	20.69	86.1	22.30	87.5	B	5 12 ,,
2	35.101	20.62	85.5	22.45	86.7	B	6 12 ,,
3	35.650	20.28	84.9	22.50	86.2	B	7 12 ,,
4	35.924	20.51	84.6	22.65	86.0	B	8 12 ,,
5	35.993	20.60	84.4	22.70	85.7	G	9 12 ,,
6	35.993	20.75	84.3	22.75	85.5	G	10 12 ,,
7	35.993	20.85	84.3	22.80	85.3	G	11 12 ,,
8	36.061	20.85	84.3	22.85	85.0	G	Midnight.
9	36.199	20.90	84.2	22·92	84·9	C	1 12 a. m.
10	36·336	20.96	84.1	22.83	84.7	C	2 12 ,,
11	35·856	20.95	83·8	22.29	84.4	C	3 12 ,,
12	35·307	21.39	83.7	22.15	84.2	C	4 12 ,,
13	35.581	21.52	83.5	22.25	84.0	B	5 12 ,,
14	36.542	21.35	83.4	22.40	83.9	B	6 12 ,,
15	37.776	21.10	83.5	22.40	83.8	B	7 12 ,,
16	37·531	20.94	84.4	22.60	84.4	B	8 12 ,,
17	36·885	21.45	84.7	21.50	84.8	G	9 12 ,,
18	35·307	21.37	85.5	21.50	85.0	G	10 12 ,,
19	34.072	21.45	86.3	21.30	86.0	G	11 12 ,,
20	33·592	20.90	86.8	21.30	86.5	G	Noon.
21	33.523	20.78	87.2	21.20	87.7	C	1 12 p. m.
22	33·592	20.65	87.9	21.19	88.3	C	2 12 ,,
23	34.278	20.28	88.1	21.26	88·9	C	3 12 ,,
Apr. 25th-Noon.	34.141	20.01	88.2	21·33	89.3	C	4 12 ,,
1	34.415	19.72	88.0	21.40	89.3	B	5 12 ,,
2	34.827	19.64	87.5	21.60	88.5	B	6 12 ,,
3	35.238	19.61	86.9	21.75	87.8	B	7 12 ,,
4	35.924	19.85	86.5	21.85	87.5	B	8 12 ,,
5	36.199	20.00	86.2	22·00	87.2	G	9 12 ,,
6	36.267	19.95	86.0	22.00	86.5	G	10 12 ,,
7	36.199	20·25	85.7	22.00	86.2	G	11 12 ,,
8	36.679	20.35	85.5	22.16	86.1	G	Midnight.
9	36.816	20.65	85.3	22.25	86.1	C	1 12 a. m.
10	36.816	20.64	85.2	22.28	86.0	C	2 12 ,,
11	36.267	20.67	85.0	22.17	85.8	C	3 12 ,,
12	36.061	20.86	84.9	22.16	85.6	C	4 12 ,,
13	36.061	20.85	84.6	22.15	85.3	B	5 12 ,,
14	36.061	20.94	84.6	22.30	85.2	B	6 12 ,,
15	36.610	21·07	84.7	22.36	85.4	B	7 12 ,,
16	37.090	21.31	85.5	22.20	85.5	B	8 12 ,,
17	36.473	21.46	86.0	21.90	86.1	G	9 12 ,,
18	36.444	21.52	86.8	21.72	86.5	G	10 12 ,,
19	34.278	21.45	87.2	21.60	86.9	G	11 12 ,,
20	34.141	21·20	87.8	21.68	87.4	G	Noon.
21	34.621	20.94	88.0	21.86	88.1	C	1 12 p. m.
22	35.170	20.75	88.3	21.89	88.6	C	2 12 ,,
23	35.444	20.62	88.3	21.91	89.0	C	3 12 ,,
Apr. 26th-Noon.	35.993	20·55	87.9	21.86	89.2	C	4 12 ,,
1	36.130	20.51	87.2	21.80	89.0	B	5 12 ,,
2	35.513	20.52	86.1	21.85	88.0	B	6 12 ,,
3	35.375	20.55	85.8	21.92	87.2	B	7 12 ,,
4	35.650	20.60	85.6	21.95	87.0	B	8 12 ,,
5	35.650	20.65	85.2	22.00	86.7	G	9 12 ,,
6	35.307	20·75	85.2	22.20	86.5	G	10 12 ,,
7	35.513	20·90	85·2	21.34	86.4	G	11 12 ,,
8	35.650	20.90	85·2	21.52	86.2	G	Midnight.
9	35.787	20.94	85.1	21.59	86.1	C	1 12 a. m.
10	36.267	21.01	84.7	21.78	86.0	C	2 12 ,,
11	35.856	21.03	84.3	21.73	85.8	C	3 12 ,,

DAILY OBSERVATIONS, FROM 26TH TO 28TH APRIL 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
APR. 26TH—12	35·993	21.10	84·1	21.76	85·4	C	4 12 a. m.
13	36·130	21.11	84.0	21.75	85.2	B	5 12 „
14	35.866	21.12	83.9	21.90	84.7	B	6 12 „
15	36.679	21.33	84·4	21.85	84.9	B	7 12 „
16	36.953	21.39	84.9	21.65	85.4	B	8 12 „
17	36.336	21.52	85.6	21.40	85.8	G	9 12 „
18	35.307	21.85	86.0	21.28	86.0	G	10 12 „
19	34.484	21.95	86.5	21.10	86·9	G	11 12 „
20	33.386	22.14	87.0	21.00	87.3	G	Noon.
21	34.073	21.59	87·3	21.18	88.1	C	1 12 p. m.
22	33.523	21.24	87·4	21.20	88.4	C	2 12 „
23	33.112	20.49	87·4	21.23	88.8	C	3 12 „
APR. 27TH-Noon.	33.386	20.27	87.1	21·28	88.6	C	4 12 „
1	32.974	20.55	87.0	21.30	88.3	B	5 12 „
2	32.563	20.25	86.3	21.35	87·5	B	6 12 „
3	32.837	20.40	85,5	21.45	87.0	B	7 12 „
4	33.866	20.28	85.2	21.65	86.6	B	8 12 „
5	35.993	20.25	85.0	21.74	86.2	G	9 12 „
6	36.816	19.65	84.8	21.90	86.0	G	10 12 „
7	36.267	22.20	84.5	22.00	85.7	G	11 12 „
8	37.708	20.20	84.3	22·00	85.5	G	Midnight.
9	37.914	20.39	84.1	22.00	85.3	C	1 12 a. m.
10	38.257	20.75	83.7	22.00	85.1	C	2 12 „
11	37.571	21.09	83.4	21,95	84.9	C	3 12 „
12	37.090	20.85	83.2	21.89	84.7	C	4 12 „
13	37.571	20.80	83.1	22.30	84.4	B	5 12 „
14	38.051	20.95	83.1	22.30	84.0	B	6 12 „
15	38.257	20·95	83.5	22.10	84.2	B	7 12 „
16	37.365	21.12	84.2	21.72	84.6	B	8 12 „
17	36.061	21.30	85.0	21.50	85.0	G	9 12 „
18	34.621	21.28	85.8	21.42	85.8	G	10 12 „
19	33.866	20·95	86.0	21.40	86.0	G	11 12 „
20	34.072	20.65	86.1	21.48	86.2	G	Noon.
21	34.141	20.45	86.3	21·59	86.9	C	1 12 p. m.
22	34.758	20.44	86.3	21·81	87.2	C	2 12 „
23	34.758	20.65	86·2	21.79	87.7	C	3 12 „
APR. 28TH-Noon.	35.032	20·39	86.2	21.79	87.6	C	4 12 „
1	35.581	20.44	85.8	21.90	87.2	B	5 12 „
2	35.650	20.55	85·2	22.00	86·4	B	6 12 „
3	35.924	20.35	84.5	22.05	86.0	B	7 12 „
4	35.650	20.40	84·1	22·00	85.6	B	8 12 „
5	35.924	20·45	84.0	22.18	85·2	G	9 12 „
6	36.130	20.51	83·6	22.20	85.0	G	10 12 „
7	36.061	20.90	83.5	22.36	84·9	G	11 12 „
8	36.130	20·90	83.5	22.30	84.8	G	Midnight.
9	35.924	21.05	83.2	22.28	84.5	C	1 12 a. m.
10	37·022	20,88	83.0	22.34	84·3	C	2 12 „
11	36·885	21·15	82.9	22.37	84.1	C	3 12 „
12	36.267	21.22	82.8	22.39	84.1	C	4 12 „
13	37·238	20·90	82.6	22.20	83.6	B	5 12 „
14	37.238	21.00	82.6	22.40	83.6	B	6 12 „
15	37.238	21.05	83.0	22.35	83.6	B	7 12 „
16	37·571	21.25	83.5	22.20	84.0	B	8 12 „
17	37.159	21.65	84.7	22.00	84.8	G	9 12 „
18	35.993	21.67	85.0	21.64	85.0	G	10 12 „
19	34.827	21·56	85.8	21.52	85.7	G	11 12 „
20	34.072	21.29	86.0	21.50	86.2	G	Noon.
21	34·072	21.11	86.3	21.58	86.9	C	1 12 p. m.
22	34.003	20.82	86.6	21.59	87.2	C	2 12 „
23	34.964	20.75	86.7	21.65	87.5	C	3 12 „

DAILY OBSERVATIONS, FROM 29TH APRIL TO 2ND MAY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
APR. 29TH-Noon.	35·375	20.46	86°6	21.69	87°8	C	4 12 p. m.
1	35.581	20.62	86.1	21.75	87.5	B	5 12 ,,
2	35.101	20·64	85.3	21·90	86.8	B	6 12 ,,
3	34·895	20·65	84.5	21.95	86.0	B	7 12 ,,
4	34.621	20.95	84.4	22.00	85.6	B	8 12 ,,
5	34.758	20.90	84.0	22.10	85.2	G	9 12 ,,
6	35.718	20.75	83.8	22.26	85.0	G	10 12 ,,
7	35.856	21.20	83.5	22.20	84.7	G	11 12 ,,
8	36.404	21.16	83.3	22.28	84.4	G	Midnight.
9	36.473	21·18	83.2	22.31	84.2	C	1 12 a. m.
10	35.993	21.08	83.0	22.26	84.1	C	2 12 ,,
11	35·581	21.17	83.0	22.24	84·1	C	3 12 ,,
12	35.718	21·20	82.9	22.24	84.0	C	4 12 ,,
13	35.718	21.20	82·6	22.25	83.6	B	5 12 ,,
14	36.885	21.30	82.5	22.40	83.5	B	6 12 ,,
15	37.571	21.38	83.0	22.50	83.6	B	7 12 ,,
16	37·770	21.20	83.8	22.10	84.1	B	8 12 ,,
17	36.336	21.35	84.5	21.92	84·8	G	9 12 ,,
18	35·032	21.40	85.2	21.44	85.0	G	10 12 ,,
19	34.209	21.37	85.8	21.32	85.8	G	11 12 ,,
20	34.209	21·20	86.5	21.35	86.2	G	Noon.
21	34.072	21.14	86.8	21.40	86.9	C	1 12 p. m.
22	34.072	21.09	87.0	21.49	87.4	C	2 12 ,,
23	34.484	20.89	87.1	21·53	87.9	C	3 12 ,,
MAY 1ST-Noon.	33.866	20.72	86.7	21.50	88.1	C	4 12 ,,
1	34.689	20.59	85.9	21·69	87·6	C	5 12 ,,
2	35.375	20.65	84.9	21.69	86.7	C	6 12 ,,
3	34·964	20.80	84.4	21.92	86·1	C	7 12 ,,
4	35·170	20.87	84.1	21.98	85.6	C	8 12 ,,
5	35.513	21.00	83.7	21.92	85.2	B	9 12 ,,
6	35.513	21.20	83.7	22.10	85.0	B	10 12 ,,
7	35.238	21·20	83.5	22.25	84.7	B	11 12 ,,
8	35.718	21.35	83.4	22.35	84·5	B	Midnight.
9	35.993	21·41	83.2	22.38	84.3	G	1 12 a. m.
10	36.473	21.45	83·0	22.40	84.0	G	2 12 ,,
11	36.542	21.55	82.8	22·47	83.8	G	3 12 ,,
12	35.650	21.40	82.5	22·50	83.5	G	4 12 ,,
13	35.856	21·24	82.4	22.56	83.5	C	5 12 ,,
14	36.336	21.36	82.3	21.70	83.4	C	6 12 ,,
15	37.776	21.23	82.9	22.30	83.9	C	7 12 ,,
16	38.325	21.40	83.9	22.17	84.3	C	8 12 ,,
17	37.433	21·35	84.0	21.75	84·4	B	9 12 ,,
18	36.061	21.63	84.6	21.40	85·1	B	10 12 ,,
19	34.758	21.64	85.4	21.25	85.4	B	11 12 ,,
20	33.660	21.74	85.9	21.30	86.0	B	Noon.
21	33.455	21.60	86.2	21.35	86.2	G	1 12 p. m.
22	33·929	21.32	86.5	21.50	86.8	G	2 12 ,,
23	34.758	21.27	86.3	21·50	87.0	G	3 12 ,,
MAY 2ND-Noon.	34.827	21.11	86.4	21.60	87.2	G	4 12 ,,
1	35.101	20.85	85.9	21.77	87.2	C	5 12 ,,
2	35.650	20.76	85.1	22.00	86.8	C	6 12 ,,
3	35.375	20·76	84.5	22.00	86·1	C	7 12 ,,
4	35.101	20.82	84·1	22.00	85.5	C	8 12 ,,
5	35.170	20.90	84.0	22.05	85.1	B	9 12 ,,
6	35.307	21·05	83.7	22.20	84.8	B	10 12 ,,
7	35.444	21.15	83.5	22.25	84.5	B	11 12 ,,
8	35.993	20.90	83.1	22.35	84.2	B	Midnight.
9	36.336	21.30	83.0	22.48	84.0	G	1 12 a. m.
10	36.610	21.10	82.8	22.50	83.8	G	2 12 ,,
11	36.542	21.10	82.7	22.62	83.5	G	3 12 ,,

DAILY OBSERVATIONS, FROM 2ND TO 4TH MAY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAY 2ND—12	36·542	21.25	82°5	22.60	83°3	G	4 12 a. m.
13	36.885	21.35	82·1	22.52	83.1	C	5 12 ,,
14	37.228	21.15	82.0	22.61	83.0	C	6 12 ,,
15	38·257	21·34	82.5	22.65	83.2	C	7 12 ,,
16	37.845	21.21	83.2	22.74	83.4	C	8 12 ,,
17	37.228	21.40	83.6	22.00	83.9	B	9 12 ,,
18	35·718	21.54	84.4	21.40	84.5	B	10 12 ,,
19	34.484	21.67	85·0	21.30	85.2	B	11 12 ,,
20	34.484	21.30	85.6	21.15	86.0	B	Noon.
21	33.660	21.00	86.0	21.20	86.5	G	1 12 p. m.
22	33.798	20.35	86.2	21.40	86.8	G	2 12 ,,
23	34.895	20.12	86.4	21.48	87.0	G	3 12 ,,
MAY 3RD—Noon.	34.415	20.40	86.4	21.55	87.2	G	4 12 ,,
1	34.552	20·52	85.8	21.72	87.0	C	5 12 ,,
2	35.101	20·60	85.1	21.89	86.3	C	6 12 ,,
3	36.267	20.87	84.4	22.16	85.9	C	7 12 ,,
4	36.267	20.43	84.0	22.35	85.2	C	8 12 ,,
5	35.650	20.60	83.9	22.40	85.0	B	9 12 ,,
6	35·444	20.80	83.6	22.30	84.6	B	10 12 ,,
7	36.061	20.80	83.4	22.44	84.3	B	11 12 ,,
8	35.650	21.20	83.3	22.45	84.1	B	Midnight.
9	35.924	21.15	83.0	22.48	83.8	G	1 12 a. m.
10	35.924	21.15	82.9	22.50	83.6	G	2 12 ,,
11	36.199	21.10	82.8	22.50	83.5	G	3 12 ,,
12	36.404	21.10	82·5	22.50	83.3	G	4 12 ,,
13	36.404	21.08	82.2	22.56	83.2	C	5 12 ,,
14	37.433	21.14	82.1	22.67	83.1	C	6 12 ,,
15	38.325	21.23	82.5	22.69	83.6	C	7 12 ,,
16	38.325	21.14	83.1	22.70	83.9	C	8 12 ,,
17	37.433	21.25	84.1	22.00	84.1	B	9 12 ,,
18	36.199	21.28	85·1	21.60	84.9	B	10 12 ,,
19	34.895	21.22	85.6	21.35	85.5	B	11 12 ,,
20	33.866	21.17	86.2	21.30	86.1	B	Noon.
21	34.072	21.10	86.8	21.34	86.8	G	1 12 p. m.
22	34.758	20.90	87.0	21.50	87.0	G	2 12 ,,
23	35.101	20.90	87.2	21.58	87.8	G	3 12 ,,
MAY 4TH—Noon.	35.718	20.90	87.2	21.66	87.9	G	4 12 ,,
1	35.993	20.89	86.4	21.88	87.8	C	5 12 ,,
2	35.993	20.85	85.6	21.99	87.0	C	6 12 ,,
3	35.513	20.85	85.0	22.03	86.4	C	7 12 ,,
4	35.307	20.94	84.4	22.10	85.8	C	8 12 ,,
5	35.444	21.04	84.1	22.20	85.3	B	9 12 ,,
6	35.856	20.94	83.9	22.30	85.1	B	10 12 ,,
7	35.993	21.10	83.6	22.30	84.6	B	11 12 ,,
8	35.856	21.05	83.4	22.35	84.5	B	Midnight.
9	36.199	21.05	83.0	22.42	84.1	G	1 12 a. m.
10	36.199	21.35	82.9	22.46	83.6	G	2 12 ,,
11	36·267	21.25	82.7	22.50	83.3	G	3 12 ,,
12	36.267	21.20	82.5	22.50	83.3	G	4 12 ,,
13	36.542	21.10	82.3	22.56	83.1	C	5 12 ,,
14	37.296	21.18	82.0	22.60	83.0	C	6 12 ,,
15	38.051	21.24	82.4	22.62	83.3	C	7 12 ,,
16	37.982	21.25	82.9	22·66	83.7	C	8 12 ,,
17	37.228	21.50	83.6	22.00	83.9	B	9 12 ,,
18	35.993	21.50	84.4	21.65	84.4	B	10 12 ,,
19	34.964	21.57	84.9	21.50	84.7	B	11 12 ,,
20	34.278	21.55	85.5	21.50	85.4	B	Noon.
21	34.141	21.37	85.7	21.68	85.8	G	1 12 p. m.
22	34.827	21.27	86.0	21.70	86.4	G	2 12 ,,
23	35.513	21.15	86.4	21.70	87.0	G	3 12 ,,

DAILY OBSERVATIONS, FROM 5TH TO 8TH MAY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizonal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAY 5TH-Noon.	35'170	21.15	86°7	21.57	87°5	G	4 12 p. m.
1	35.924	20.86	86.1	21.75	87.5	C	5 12 „
2	35.238	20.99	85.3	21.88	87.1	C	6 12 „
3	35.032	20.91	84.5	22.07	86.2	C	7 12 „
4	35.650	20.79	84.0	22.26	85.4	C	8 12 „
5	35.993	20.60	83.9	22.30	85.1	B	9 12 „
6	36.816	20.35	83.6	22.50	84.6	B	10 12 „
7	36.885	20.64	83.3	22.45	84.4	B	11 12 „
8	36.953	20.48	83.0	22.35	84.2	B	Midnight.
9	37.288	20.65	83.0	22.50	83.7	G	1 12 a. m.
10	37.433	20.68	82.6	22.45	83.5	G	2 12 „
11	36.679	20.85	82.5	22.47	83.3	G	3 12 „
12	36.473	20.60	82.0	22.54	83.2	G	4 12 „
13	35.513	20.70	81.9	22.50	83.1	C	5 12 „
14	36.885	20.69	81.8	22.68	83.0	C	6 12 „
15	36.610	20.81	82.1	22.64	83.2	C	7 12 „
16	36.610	20.95	82.3	22.50	83.4	C	8 12 „
17	36.267	20.97	82.8	22.15	83.5	B	9 12 „
18	35.375	21.02	83.1	22.00	83.5	B	10 12 „
19	34.072	20.91	84.1	21.95	84.4	B	11 12 „
20	33.935	20.69	85.0	21.75	85.4	B	Noon.
21	34.072	20.55	85.8	21.60	85.8	G	1 12 p. m.
22	35.032	20.36	86.0	21.78	86.3	G	2 12 „
23	36.199	20.15	86.4	21.90	86.8	G	3 12 „
MAY 6TH-Noon.	36.954	20.34	86.1	21.90	87.0	G	4 12 „
1	36.885	20.05	85.0	21.92	86.9	C	5 12 „
2	36.542	20.09	84.4	22.00	86.2	C	6 12 „
3	35.513	20.38	84.0	22.08	85.6	C	7 12 „
4	35.238	20.48	83.7	22.26	85.1	C	8 12 „
5	35.238	20.65	83.4	22.30	84.5	B	9 12 „
6	35.238	20.73	83.2	22.32	84.2	B	10 12 „
7	35.513	20.90	83.1	22.45	84.1	B	11 12 „
8	35.307	21.04	83.0	22.45	84.0	B	Midnight.
9	35.375	21.05	82.8	22.50	83.5	G	1 12 a. m.
10	35.513	21.15	82.5	22.50	83.3	G	2 12 „
11	35.718	21.25	82.4	22.50	83.1	G	3 12 „
12	35.856	21.25	82.0	22.55	83.0	G	4 12 „
13	36.404	21.15	81.9	22.70	82.9	C	5 12 „
14	37.845	21.35	81.8	22.78	82.8	C	6 12 „
15	38.257	21.60	82.1	22.51	83.0	C	7 12 „
16	37.845	21.62	82.7	22.26	83.2	C	8 12 „
17	36.404	21.51	83.5	21.70	84.0	B	9 12 „
18	34.552	21.67	84.5	21.52	84.5	B	10 12 „
19	33.729	21.65	85.5	21.45	85.1	B	11 12 „
20	33.386	21.53	85.5	21.45	85.4	B	Noon.
21	33.455	21.42	86.0	21.50	86.0	G	1 12 p. m.
22	33.455	21.15	86.2	21.55	86.2	G	2 12 „
23	34.141	21.00	86.4	21.70	86.5	G	3 12 „
MAY 8TH-Noon.	35.856	21.19	86.5	21.85	88.3	C	4 12 „
1	36.130	21.14	86.0	21.81	88.0	C	5 12 „
2	35.513	21.15	85.1	21.76	87.3	C	6 12 „
3	34.689	21.32	84.5	21.80	86.4	C	7 12 „
4	34.621	21.34	84.2	21.95	86.1	C	8 12 „
5	34.621	21.20	84.2	22.15	85.6	B	9 12 „
6	34.827	21.35	83.7	22.35	85.1	B	10 12 „
7	35.513	21.30	83.5	22.60	84.6	B	11 12 „
8	36.061	21.30	83.3	22.65	84.5	B	Midnight.
9	35.993	21.35	83.0	22.70	84.2	G	1 12 a. m.
10	36.130	21.25	82.8	22.70	83.6	G	2 12 „
11	36.542	21.25	82.5	22.70	83.4	G	3 12 „

DAILY OBSERVATIONS, FROM 8TH TO 10TH MAY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.	′						h. m.
May 8th—12	35·513	21.35	82°1	22.55	83°2	C	4 12 a. m.
13	35.650	21.40	81.9	22.50	83.0	C	5 12 „
14	35.650	21.46	81.9	22.86	83.0	C	6 12 „
15	36.610	21.65	82.3	22.95	83.2	C	7 12 „
16	37.914	21.70	83.2	22.99	84.0	C	8 12 „
17	37.159	21·80	84·1	22.30	84.1	B	9 12 „
18	35.513	21.75	85.0	21.85	84.5	B	10 12 „
19	34.484	21.71	85.5	21·75	85.2	B	11 12 „
20	33.386	21.59	85.9	21.55	85.8	B	Noon.
21	33.112	21.55	86.2	21.70	86.4	D	1 12 p. m.
22	32.906	21·40	86.7	21.90	86.7	D	2 12 „
23	33.455	21.10	86.9	22·30	87.4	D	3 12 „
May 9th-Noon.	35.032	21.05	86.1	22.30	87.3	D	4 12 „
1	35.924	20.95	85.3	22.45	87.1	C	5 12 „
2	35.924	20.91	84.5	22.40	86.6	C	6 12 „
3	35.375	21.04	84.1	22.48	85·9	C	7 12 „
4	35.032	21.21	83.9	22.50	85.4	C	8 12 „
5	35.718	21.30	83.6	22·60	85.1	B	9 12 „
6	35.856	21.30	83.5	22.65	84.7	B	10 12 „
7	35.787	21.25	83.2	22.65	84.5	B	11 12 „
8	35.856	21·28	82.9	22·75	84.0	B	Midnight.
9	35.787	21.45	82·8	22.80	83.6	D	1 12 a. m.
10	35.170	21.65	82.7	22.75	83.4	D	2 12 „
11	35.856	21.60	82.7	22.70	83.2	D	3 12 „
12	35·513	21.70	82.6	22.80	83.1	D	4 12 „
13	35.650	21.67	82.3	22.75	83.1	C	5 12 „
14	36.885	21.63	82.3	22.84	83.0	C	6 12 „
15	37.639	21.71	83.0	22.86	83.4	C	7 12 „
16	37.776	21.81	83.9	22.60	84.0	C	8 12 „
17	37·022	21.92	84.9	22.12	84.5	B	9 12 „
18	35.993	22.02	85.4	21.90	85.1	B	10 12 „
19	35.238	21·91	86.1	21·85	85.7	B	11 12 „
20	34.141	21.81	86.3	21.72	86.4	B	Noon.
21	33.455	21.60	86.7	21.75	86.7	D	1 12 p. m.
22	34.141	21.40	86.9	21.80	87.3	D	2 12 „
23	34.141	21·35	86.3	22.10	87.4	D	3 12 „
May 10th-Noon.	34.827	21.29	86.0	22.20	87·3	D	4 12 „
1	34·689	21.31	85.3	22.07	87.1	C	5 12 „
2	35.101	21·28	84.3	22·24	86.4	C	6 12 „
3	34.552	21.26	84·0	22.40	85.6	C	7 12 „
4	34.895	21.30	83.9	22.60	85.4	C	8 12 „
5	35.375	21.31	83.9	22.65	85.0	B	9 12 „
6	35.170	21.32	83.7	22.65	84.9	B	10 12 „
7	35.513	21.30	83.5	22.75	84.7	B	11 12 „
8	35.375	21.40	83.5	22.75	84.5	B	Midnight.
9	35.787	21.45	83.2	22.80	84.5	D	1 12 a. m.
10	35.924	21.45	83.0	22.80	84.2	D	2 12 „
11	35.856	21.45	82.8	22.85	83.9	D	3 12 „
12	35.787	21.59	82.6	22.90	83.5	D	4 12 „
13	35.787	21.66	82.4	22.97	83.7	C	5 12 „
14	36.199	21.83	82.4	22.97	83.7	C	6 12 „
15	36.610	21.77	83.1	22.70	84.0	C	7 12 „
16	36.816	21.89	84.0	22.48	84.5	C	8 12 „
17	36.336	22.03	85.2	22.20	85.1	B	9 12 „
18	35.238	22.23	85.9	22.00	85.5	B	10 12 „
19	34.278	22.32	86.5	21.75	86.0	B	11 12 „
20	33.317	22.29	86.6	21.65	86.5	B	Noon.
21	32.426	21.75	86.7	21·74	87.0	G	1 12 p. m.
22	33.249	21.05	87.0	21.90	87.3	G	2 12 „
23	34.689	20.45	87.0	22·14	87.5	G	3 12 „

DAILY OBSERVATIONS, FROM 11TH TO 13TH MAY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAY 11TH-Noon.	35·650	20.25	86°8	22.30	87°5	G	4 12 p. m.
1	35.718	20.38	86.1	22.15	87.3	C	5 12 „
2	35.032	20.57	85.4	22.10	87.0	C	6 12 „
3	35.170	20.48	85.0	22.35	86.3	C	7 12 „
4	34.689	20.69	84.9	22.50	86.1	C	8 12 „
5	35.238	20.85	84.8	22.65	86.0	B	9 12 „
6	35.513	20.82	84.5	22.75	85.6	B	10 12 „
7	35.653	20.93	84.5	22.75	85.5	B	11 12 „
8	35.856	20.93	84.2	22.80	85.3	B	Midnight.
9	35.856	20.95	84.0	22.72	85.0	G	1 12 a. m.
10	36.267	21.35	83.9	22.70	84.9	G	2 12 „
11	36.061	21.20	83.8	21.90	84·8	G	3 12 „
12	35.993	21.15	83.7	21·60	84.5	G	4 12 „
13	36.130	21.30	83.3	21.54	84.4	C	5 12 „
14	36.473	21.35	83.3	21.52	84.4	C	6 12 „
15	37.159	21.45	83.5	21.68	84.6	C	7 12 „
16	37.433	21.55	84.0	21.68	84.9	C	8 12 „
17	37.228	21.61	84.4	21.40	84.9	B	9 12 „
18	36.610	21.76	85.3	21.00	85.3	B	10 12 „
19	35.575	21.71	86.1	20.76	85.9	B	11 12 „
20	34.278	21.53	86.3	20.80	86.3	B	Noon.
21	34.003	21.33	86.4	20.84	87.0	G	1 12 p. m.
22	33.935	21.15	86.7	20.90	87.2	G	2 12 „
23	34.484	21.05	87.0	21.00	87.5	G	3 12 „
MAY 12TH-Noon.	34.621	21.00	86.9	21.00	87.8	G	4 12 „
1	35.170	20·90	86.2	21.09	87.8	C	5 12 „
2	35.513	20.95	85.3	21·30	87.5	C	6 12 „
3	35.444	20.96	85.0	21.40	86.8	C	7 12 „
4	35.375	20.99	84.7	21.45	86.2	C	8 12 „
5	35.307	21.03	84.5	21.50	85.6	B	9 12 „
6	35.924	21.03	84.2	21.50	85·5	B	10 12 „
7	35·856	21.12	84.0	21.55	85.4	B	11 12 „
8	35.581	21.20	83.7	21.55	85.1	B	Midnight.
9	35·856	21·30	83,6	21.59	85.0	G	1 12 a. m.
10	36.061	21.42	83.5	21.75	84·9	G	2 12 „
11	36.199	21.40	83.4	21.84	84.5	G	3 12 „
12	35.856	21.45	83.2	21.87	84.4	G	4 12 „
13	36.336	21.42	82.9	21.90	84·3	C	5 12 „
14	37.502	21.56	82.9	21.94	84.1	C	6 12 „
15	38.257	21.61	83.2	21.95	84.2	C	7 12 „
16	38.257	21.71	83.8	21.70	84.7	C	8 12 „
17	37.296	21.73	84.6	21.20	85.0	B	9 12 „
18	36·404	21.87	85.3	21.00	85.3	B	10 12 „
19	34.964	21.93	85.5	20.88	85.5	B	11 12 „
20	34.072	21.73	86.1	20.85	86.2	B	Noon.
21	34.278	21.55	86.5	21·00	86.5	G	1 12 p.m.
22	34.346	21.46	86.7	21.10	87.0	G	2 12 „
23	34.895	21.27	86.8	21.18	87.5	G	3 12 „
MAY 13TH-Noon.	35.650	21.17	86.8	21.20	87.5	G	4 12 „
1	35.787	21.10	86.2	21.21	87.5	C	5 12 „
2	35.581	21.08	85.4	21.29	87.2	C	6 12 „
3	35.170	21.23	85.0	21.40	86.4	C	7 12 „
4	35.170	21.25	84.4	21.48	86.0	C	8 12 „
5	35.307	21.35	84.3	21.55	85.5	B	9 12 „
6	35.856	21.25	83.9	21.65	85.1	B	10 12 „
7	35.513	21.30	83.7	21.65	85.0	B	11 12 „
8	35.513	21·40	83.5	21.75	84.7	B	Midnight.
9	35.581	21·40	83.4	21.80	84.5	G	1 12 a. m.
10	35.513	21.45	83.3	21.84	84.3	G	2 12 „
11	35.513	21.55	83.0	21.88	84.0	G	3 12 „

DAILY OBSERVATIONS, FROM 13TH TO 16TH MAY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
May 13th—12	36·130	21.60	82°9	21.82	83°9	G	4 12 a. m.
13	35.650	21.55	82.7	21.90	83.9	C	5 12 ,,
14	36.542	21.66	82·4	21.98	83.9	C	6 12 ,,
15	37·502	21.82	82.9	22.00	84.1	C	7 12 ,,
16	37·708	21·92	83.9	22.00	84.4	C	8 12 ,,
17	37.228	22.05	84.5	21.40	84·6	B	9 12 ,,
18	36.061	22.10	85.1	21.15	85·1	B	10 12 ,,
19	35.307	22.05	85.5	21.00	85.5	B	11 12 ,,
20	34.552	21.77	85.9	21.00	86.0	B	Noon.
21	34.003	21.60	86.3	21.00	86·4	G	1 12 p. m.
22	34.895	21.47	86.5	21.25	87.0	G	2 12 ,,
23	35.787	21.28	86.6	21·30	87.3	G	3 12 ,,
May 15th-Noon.	35.444	21.38	87.0	21.40	88.0	C	4 12 ,,
1	35.581	21.30	86.2	21.36	87.5	C	5 12 ,,
2	35.787	21.23	85.3	21.30	87.0	C	6 12 ,,
3	35.238	21.29	84.9	21.36	86.3	C	7 12 ,,
4	35.101	21.39	84.4	21.48	86.1	C	8 12 ,,
5	35.170	21.48	84.3	21.65	85·5	B	9 12 ,,
6	35.307	21.55	84.1	21.75	85.4	B	10 12 ,,
7	35.513	21·62	83.8	21·75	85.2	B	11 12 ,,
8	35.513	21·65	83.5	21.75	84·8	B	Midnight.
9	35.513	21.60	83·4	21.70	84.7	G	1 12 a. m.
10	35.307	21.55	83.4	21.72	84.5	G	2 12 ,,
11	35.787	21.55	83.2	21.80	84.3	G	3 12 ,,
12	35.787	21.57	83.0	21.80	84.0	G	4 12 ,,
13	35.856	21.65	82.8	21.83	83.9	C	5 12 ,,
14	37.090	21.60	82.4	21.90	83.8	C	6 12 ,,
15	37.228	21.71	82.7	21·93	84.0	C	7 12 ,,
16	36.199	21.88	83.6	21.58	84.5	C	8 12 ,,
17	35·170	21.94	84.5	21.30	84.8	B	9 12 ,,
18	33.729	21.96	85·3	21.25	85.2	B	10 12 ,,
19	33.180	21.97	85.9	21.20	86.0	B	11 12 ,,
20	33.043	21.91	86.4	21.15	86.5	B	Noon.
21	33.798	21.79	86.7	21.14	87·3	G	1 12 p. m.
22	34.827	21.50	87.0	21.26	87.5	G	2 12 ,,
23	35.444	21.35	87·4	21·20	88.0	G	3 12 ,,
May 16th-Noon.	36.199	21.13	87.4	21.12	88.3	G	4 12 ,,
1	36.130	21·02	86.8	21.15	88.2	C	5 12 ,,
2	35.513	21.10	86.0	21.25	87.7	C	6 12 ,,
3	35·238	21.18	85.3	21.38	87.1	C	7 12 ,,
4	35.238	21.20	85.1	21.42	86.6	C	8 12 ,,
5	35.307	21·24	84.9	21.55	86.1	B	9 12 ,,
6	35.307	21.30	84.5	21.55	85.9	B	10 12 ,,
7	35.513	21.35	84.3	21.60	85.6	B	11 12 ,,
8	35.856	21.40	83.9	21.65	85.3	B	Midnight.
9	35.444	21.45	83.8	21.30	85.0	G	1 12 a. m.
10	35·101	21.51	83.5	21.62	84.9	G	2 12 ,,
11	35.581	21.55	83.4	21.74	84.5	G	3 12 ,,
12	35·375	21·60	83.2	21.80	84.2	G	4 12 ,,
13	35.787	21.77	83.1	21.90	84.1	C	5 12 ,,
14	35.856	21.90	83.1	21.90	84·0	C	6 12 ,,
15	37.433	21.98	83.6	21.87	84.3	C	7 12 ,,
16	37.502	22.12	84.9	21.64	84·9	C	8 12 ,,
17	36.473	22.22	85.4	21.22	85.4	B	9 12 ,,
18	35.787	22.31	86.0	21.22	85.5	B	10 12 ,,
19	35.787	22.05	86.6	21.24	86.1	B	11 12 ,,
20	34.552	21.91	87.1	21.05	86.8	B	Noon.
21	33.660	21.74	87.8	20.92	87.5	G	1 12 p. m.
22	34·278	21.54	88.0	20.90	88.0	G	2 12 ,,
23	34.552	21.23	88.2	20.98	88.8	G	3 12 ,,

DAILY OBSERVATIONS, FROM 17TH TO 19TH MAY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
May 17th-Noon.	35·581	20.88	87°8	21.14	88°8	G	4 12 p. m.
1	36·061	20·61	87.5	21.18	88.8	C	5 12 „
2	36.061	20.58	86.9	21.27	88.4	C	6 12 „
3	35.238	20.78	86.1	21.35	87.6	C	7 12 „
4	35.032	20.89	85.9	21·38	87.3	C	8 12 „
5	35.032	20.92	85.5	21.40	86.8	B	9 12 „
6	35.307	21.00	85.4	21.55	86.5	B	10 12 „
7	35.375	21.07	85.2	21.55	86.3	B	11 12 „
8	35.375	21.15	85.0	21.64	86.0	B	Midnight.
9	35.307	21.30	84.8	21.66	85.5	G	1 12 a. m.
10	35.375	21.40	84.5	21.70	85.4	G	2 12 „
11	35.444	21.35	84.4	21.62	85.4	G	3 12 „
12	35.650	21.43	84.2	21.70	85.2	G	4 12 „
13	36.061	21.50	84.1	21.92	85.0	C	5 12 „
14	37.159	21.64	84.0	22.00	84.9	C	6 12 „
15	38.051	21.57	84.4	21.96	85.2	C	7 12 „
16	37.776	21.68	85.3	21.60	85.9	C	8 12 „
17	36.610	21.81	86.3	21.00	86.1	B	9 12 „
18	34·689	22.01	87.0	20.75	86.6	B	10 12 „
19	33.866	21.93	87.6	20.75	87.4	B	11 12 „
20	33.386	21.78	88.1	20,65	87.7	B	Noon.
21	33.866	21.79	88.2	20·90	88.0	G	1 12 p. m.
22	34.758	21.61	88.4	20.96	88.3	G	2 12 „
23	35.170	21.43	88.4	21.00	88.7	G	3 12 „
May 18th-Noon.	35.101	21.32	88.0	21.00	89.0	G	4 12 „
1	35.101	21.29	87.3	20.97	88.9	C	5 12 „
2	35.238	21.19	86.4	21.12	88.2	C	6 12 „
3	34.758	21.17	86.0	21.35	87.4	C	7 12 „
4	34.895	21.31	85.6	21·40	87.1	C	8 12 „
5	35.170	21.28	85·6	21.55	86.5	B	9 12 „
6	35.170	21.30	85.5	21.65	86.5	B	10 12 „
7	35·032	21.42	85.5	21.55	86.3	B	11 12 „
8	35.238	21.22	85.2	21.65	86.1	B	Midnight.
9	35.718	21.44	85·0	21.70	86.0	G	1 12 a. m.
10	35.581	21.45	84.6	21.72	85.6	G	2 12 „
11	35.650	21.45	84.3	21.90	85.2	G	3 12 „
12	35.513	21.51	84.2	21.94	85.1	G	4 12 „
13	35.513	21.70	84.0	22·00	85.0	C	5 12 „
14	36.953	21.70	83.9	22.08	84.9	C	6 12 „
15	37·571	21.61	84.5	22.10	85.3	C	7 12 „
16	37.639	21.73	85.4	21.85	85.8	C	8 12 „
17	36.130	21.80	86.5	21.25	86.1	B	9 12 „
18	34.141	21.84	87.1	21.00	86.5	B	10 12 „
19	33.455	21.81	87.7	21.00	87·3	B	11 12 „
20	32.837	21.71	88.1	21.00	87.9	B	Noon. „
21	32.974	21.61	88.5	21.22	88.0	G	1 12 p. m.
22	33.180	21·34	88.7	21.24	88.5	G	2 12 „
23	34.072	21.23	88.6	21.30	88.8	G	3 12 „
May 19th-Noon.	34.758	21.05	88.2	21.30	89.0	G	4 12 „
1	35·513	20.90	87.5	21.38	88.9	C	5 12 „
2	35.307	20.94	86·9	21·40	88.2	C	6 12 „
3	35.032	21.03	86.2	21.50	87.7	C	7 12 „
4	34.758	21.02	86.0	21.50	87.2	C	8 12 „
5	35.032	21.05	85.8	21.50	87.0	B	9 12 „
6	35.032	21.00	85.5	21.65	86.6	B	10 12 „
7	34.895	21.15	85.4	21.55	86.1	B	11 12 „
8	35.170	21.20	85.1	21.65	85.9	B	Midnight.
9	35.375	21.26	85.0	21.68	85.8	G	1 12 a. m.
10	35.307	21.35	84·7	21.70	85·5	G	2 12 „
11	35.650	21.55	84.5	21.70	85.4	G	3 12 „

DAILY OBSERVATIONS, FROM 19TH TO 22ND MAY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Unorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAY 19TH—12	35'513	21.41	84°2	21.78	85°3	G	4 12 a. m.
13	35.924	21.45	83.9	21.90	85.2	C	5 12 „
14	37.288	21.55	83·7	21.96	85·0	C	6 12 „
15	37.571	21.65	84.4	21.75	85.3	C	7 12 „
16	37.022	21.90	85.4	21.52	85.9	C	8 12 „
17	35.856	21.90	86.0	21.10	86.1	B	9 12 „
18	34.141	21.95	86.6	20.85	86.6	B	10 12 „
19	32.974	21·85	87·4	20.75	87.2	B	11 12 „
20	32·288	21·71	87.6	20.65	87.6	B	Noon.
21	33.180	21.63	87.9	20·97	88.0	G	1 12 p. m.
22	33.729	21.26	88.0	21.00	88,6	G	2 12 „
23	34.209	20.75	88.1	21.08	88·9	G	3 12 „
MAY 20TH-Noon.	35.170	20.22	87.8	21.26	89.0	G	4 12 „
1	35.993	19 96	87.0	21.38	89.0	C	5 12 „
2	35.993	19.82	86.2	21·46	88.2	C	6 12 „
3	35.375	19.78	85.9	21.42	87.4	C	7 12 „
4	35.307	19·95	85.5	21.54	87.1	C	8 12 „
5	35.238	20.05	85·3	21.65	86.8	B	9 12 „
6	35.513	20.25	85.3	21.75	86.5	B	10 12 „
7	35·856	20.45	85.3	21.80	86.5	B	11 12 „
8	35.856	20.55	85.1	21.80	86.1	B	Midnight.
9	36.816	20.57	84.8	21·80	85.7	G	1 12 a. m.
10	36.199	20.83	84.6	21.80	85.3	G	2 12 „
11	35.993	21.05	84.3	21·90	85.1	G	3 12 „
12	36.473	20.90	84.0	22.00	85.0	G	4 12 „
13	36.816	20.96	83.7	22.10	84.9	C	5 12 „
14	37.228	21.05	83.5	22.14	84.9	C	6 12 „
15	38.668	21.15	84.1	22.11	85.2	C	7 12 „
16	38.600	21.25	84.9	21.94	85.5	C	8 12 „
17	37.982	21.40	85.7	21.32	85.8	B	9 12 „
18	36.610	21.30	86.4	21·00	86.3	B	10 12 „
19	35.307	21.27	86.9	20.80	86.8	B	11 12 „
20	34·003	21.13	87.4	20.75	87.3	B	Noon.
21	33.455	20.95	87.7	20·90	87.6	G	1 12 p. m.
22	34.003	20.80	87.8	21.09	88.0	G	2 12 „
23	34.895	20·75	87.8	21.20	88.6	G	3 12 „
MAY 22ND-Noon.	35.924	20.51	88.1	21·45	89.3	C	4 12 „
1	36.542	20.37	87.4	21.40	88.9	C	5 12 „
2	36.610	20.29	86.6	21.50	88.2	C	6 12 „
3	35.856	20.50	86.0	21.50	87.4	C	7 12 „
4	35.718	20.60	86·0	21·94	87.3	C	8 12 „
5	35.924	20.55	86.0	21.75	87.0	B	9 12 „
6	36.061	20.54	86.0	21.60	87.0	B	10 12 „
7	36.404	20.54	86.0	21.65	87·0	B	11 12 „
8	36.473	20.49	85.6	22.36	86.6	B	Midnight.
9	36.954	20·65	85.4	22.55	86.3	G	1 12 a. m.
10	36.816	20·65	85.0	22.67	86.0	G	2 12 „
11	36.610	20.80	84.9	22.60	85.9	G	3 12 „
12	36.747	20.85	84.7	22·60	85.9	G	4 12 „
13	36.816	20.90	83.8	22.70	85.5	C	5 12 „
14	36·542	20.95	83.7	22.84	85.3	C	6 12 „
15	37.914	21.10	84.4	22·71	85.5	C	7 12 „
16	38.668	21.07	85.2	22·46	86.0	C	8 12 „
17	37·571	21.15	85.5	22.20	86.0	B	9 12 „
18	35.718	21.26	85.5	22.00	86.0	B	10 12 „
19	34.141	21.35	86.0	22.00	86.1	B	11 12 „
20	33.386	21.42	86.6	22.05	86·6	B	Noon.
21	33.317	21.27	86.9	22.00	87·2	G	1 12 p. m.
22	34.072	21.00	87.3	22.28	87·7	G	2 12 „
23	35.444	20.62	87.8	22.30	88.0	G	3 12 „

DAILY OBSERVATIONS, FROM 24TH TO 26TH MAY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAY 24TH-Noon.	34758	20.11	89°0	21.85	90°3	G	4 12 p. m.
1	35.307	20.11	88.3	21.88	90.0	C	5 12 ,,
2	35.307	20.23	87.3	22.05	89.4	C	6 12 ,,
3	35·718	19.97	86.6	22.36	88.5	C	7 12 ,,
4	36.336	20.24	86.3	22.36	88.1	C	8 12 ,,
5	36.061	20.30	86.3	22.15	87.5	B	9 12 ,,
6	36.542	20.22	86.0	22.30	87.2	B	10 12 ,,
7	36 542	20.31	85.6	22.30	86.9	B	11 12 ,,
8	36·267	20·44	85.5	22.35	86.4	B	Midnight.
9	36.679	20.55	85.4	22.50	86.3	G	1 12 a. m.
10	36.336	20.85	85.0	22.58	86.0	G	2 12 ,,
11	36.816	21.20	84.9	22.60	85.9	G	3 12 ,,
12	36.885	20.98	84.8	22.66	85.9	G	4 12 ,,
13	37.228	20.90	84.3	22.70	84.8	C	5 12 ,,
14	38.257	21.15	84.3	22.78	84.8	C	6 12 ,,
15	38.943	21.34	84.9	22.78	85.5	C	7 12 ,,
16	38.394	21·24	85.2	22.61	85.9	C	8 12 ,,
17	36.915	21.55	86.1	22.00	86·3	B	9 12 ,,
18	34.621	21.35	86.5	21.75	86·6	B	10 12 ,,
19	32.769	21.11	87.2	21.85	87·1	B	11 12 ,,
20	32.906	20.87	87.5	21.85	87.5	B	Noon.
21	32.837	20.85	88.0	22.10	87.9	G	1 12 p. m.
22	34.072	20.70	88.6	22.14	89.0	G	2 12 ,,
23	34.484	20.25	88.8	22.10	89.4	G	3 12 ,,
MAY 25TH-Noon.	35.581	20.30	89.0	22.10	89.8	G	4 12 ,,
1	35.101	20.45	88.6	22.00	89.8	C	5 12 ,,
2	35.101	20.55	88.1	22.07	89.5	C	6 12 ,,
3	34.827	20.60	87·2	22.15	88.9	C	7 12 ,,
4	34.621	20.71	86.8	22.34	88.4	C	8 12 ,,
5	34.689	20.80	86.5	22.35	88.0	B	9 12 ,,
6	34.827	20.95	86.2	22.40	87.5	B	10 12 ,,
7	35 513	20.65	86.0	22.50	87.2	B	11 12 ,,
8	36 199	20.65	85.6	22.54	87.0	B	Midnight.
9	37.502	20.75	85·5	22.52	86.8	G	1 12 a. m.
10	37.022	20.76	85.4	22.60	86.4	G	2 12 ,,
11	36.130	20.79	85.1	22.54	86.2	G	3 12 ,,
12	35.610	21.00	85.0	22.60	86.0	G	4 12 ,,
13	36.404	20.55	84.9	22.60	85.9	C	5 12 ,,
14	38.119	20.77	84.7	22.56	85.8	C	6 12 ,,
15	38.462	20.59	85.0	22.84	86.0	C	7 12 ,,
16	38.805	20.33	85.6	22.70	86·2	C	8 12 ,,
17	37·571	20.47	86.1	22.20	86.4	B	9 12 ,,
18	35.856	20.69	86.6	21.95	86.8	B	10 12 ,,
19	34.484	20.72	87.4	21.55	87.3	B	11 12 ,,
20	33.180	20.95	87.9	21.30	87.8	B	Noon.
21	32.700	20.75	88.3	21.48	88.4	G	1 12 p. m.
22	33.386	20.30	88.8	21.70	88.9	G	2 12 ,,
23	33.935	20.00	89.0	21·78	89.4	G	3 12 ,,
MAY 26TH-Noon.	34.827	19.69	89.2	21.80	89.9	G	4 12 ,,
1	35.444	19.67	88.5	21.84	89.9	C	5 12 ,,
2	36.473	19.99	87.9	22.08	89.5	C	6 12 ,,
3	35.581	20.07	87.3	22.15	88.9	C	7 12 ,,
4	35.101	20.27	87.0	22.22	88.3	C	8 12 ,,
5	35.718	20.40	86.6	22.25	87.8	B	9 12 ,,
6	35.650	20.46	86.5	22.25	87.7	B	10 12 ,,
7	35.856	20.49	86.5	22.40	87.5	B	11 12 ,,
8	35.513	20.61	86.4	22.38	87.3	B	Midnight.
9	35.032	20.90	86.2	22.40	87.0	G	1 12 a. m.
10	36.130	20.84	86.0	22.48	86·8	G	2 12 ,,
11	36.130	20.85	86.0	22.50	86.8	G	3 12 ,,

DAILY OBSERVATIONS, FROM 26TH TO 28TH MAY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
MAY 26TH—12	36·816	20.80	85·8	22.50	86·7	G	4 12 a. m.
13	36.542	20.76	85.4	22.60	86.5	C	5 12 „
14	37.639	20.80	85·3	22.66	86·3	C	6 12 „
15	37.982	20.95	85.6	22.69	86·6	C	7 12 „
16	38.600	20.95	86.4	22.53	87.0	C	8 12 „
17	37.914	20.95	87.0	22.00	87.0	B	9 12 „
18	35.924	21.25	87.5	21.60	87.5	B	10 12 „
19	34·141	21.13	88.2	21.45	88.1	B	11 12 „
20	32.494	20.86	88.5	21.35	88·5	B	Noon.
21	32.083	20.74	89.0	21.55	89.0	G	1 12 p. m.
22	32.769	20.56	89.7	21.70	89.8	G	2 12 „
23	34.141	20.27	89.5	22·00	90.0	G	3 12 „
MAY 27TH-Noon.	34.895	20.19	89.5	22.00	90.5	G	4 12 „
1	35.101	20.17	89.4	22.00	90.7	C	5 12 „
2	35.787	19.86	89.0	22.05	90.3	C	6 12 „
3	35.856	20.19	88.3	20.10	90.0	C	7 12 „
4	35.924	20.07	87.9	22.10	89.3	C	8 12 „
5	35.993	20.33	87.4	22.05	88.7	B	9 12 „
6	35.993	20.33	87.0	22.10	88.3	B	10 12 „
7	36.061	20.45	86.7	22.22	88.0	B	11 12 „
8	36.061	20.50	86.5	22.35	87.6	B	Midnight.
9	36.404	20.55	86.4	22.08	87·5	G	1 12 a. m.
10	36.199	20.80	86.4	21.54	87.3	G	2 12 „
11	37.022	21.02	85.9	21.15	87.2	C	3 12 „
12	36.747	20.80	85.8	21.05	87.0	C	4 12 „
13	36.885	20.63	85.6	21.24	86.7	B	5 12 „
14	38.051	20.75	85.6	21.30	86.5	B	6 12 „
15	38.943	20.65	86.2	21.22	86.8	G	7 12 „
16	38.257	20.95	86.8	20.84	87.0	G	8 12 „
17	37.090	21.14	87.5	20.58	87.8	C	9 12 „
18	35.444	21.17	88.1	20.15	88.3	C	10 12 „
19	34.415	20.92	88.6	20.05	88.5	B	11 12 „
20	34.072	20.83	89.1	20.16	89.0	B	Noon.
21	33.249	20.57	89.7	20·10	89.7	G	1 12 p. m.
22	33.455	20.38	90.0	20.10	90.0	G	2 12 „
23	33·866	20.34	90.2	20.20	91.0	G	3 12 „
MAY 28TH-Noon.	34.346	20.25	90.2	20.35	91.3	C	4 12 „
1	35.170	20.11	90.0	20.40	91.1	B	5 12 „
2	35.787	20.13	89.2	20.45	90.6	B	6 12 „
3	35.856	20.05	88.5	20.60	90.0	G	7 12 „
4	35.581	20.25	88.0	20.74	89.4	G	8 12 „
5	36.130	20.13	87.6	20.89	89.1	C	9 12 „
6	36.336	20.44	87.5	20.87	89.0	C	10 12 „
7	36.199	20.63	87.2	20.86	88.6	B	11 12 „
8	36.061	20.60	87.0	20.95	88.1	B	Midnight.
9	36.610	20.57	86.8	21.10	87.5	G	1 12 a. m.
10	36.885	20.65	86.7	21.10	87.4	G	2 12 „
11	36.199	20.61	86.5	21.00	87.4	G	3 12 „
12	35.856	20.85	86.4	21.00	87.3	G	4 12 „
13	35.718	20.85	86.1	21.10	87.0	C	5 12 „
14	38.051	20.53	86.0	21.39	86.9	C	6 12 „
15	38.874	20.62	86.7	21.40	87·2	C	7 12 „
16	39.560	20.75	87.4	21.05	88.0	C	8 12 „
17	38.707	20.95	88.0	20.72	88.3	B	9 12 „
18	36.679	20·97	88.6	20.14	88.5	B	10 12 „
19	34.278	20.84	89.2	19.94	88.8	B	11 12 „
20	32.151	20.81	89.8	19.72	89.4	B	Noon.
21	31.877	20.55	90.3	19.85	90.0	G	1 12 p. m.
22	32.904	20.41	90.6	20.10	90.6	G	2 12 „
23	34.278	20.05	91.0	20.15	91.0	G	3 12 „

DAILY OBSERVATIONS, FROM 30TH MAY TO 1ST JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
MAY 30TH-Noon.	35'650	20.07	91°3	20.30	92°3	C	4 12 p. m.
1	35.650	20.20	91.0	20.35	92.2	C	5 12 „
2	35.718	20.09	90.3	20.50	91.3	C	6 12 „
3	35.375	19.95	89.7	20.48	91.1	C	7 12 „
4	35.375	19.99	89.2	20.60	90.4	C	8 12 „
5	35.513	20.15	88.8	20.65	90.0	B	9 12 „
6	35.718	20.35	88.6	20.55	89.6	B	10 12 „
7	35.993	20.36	88.5	20.60	89.5	B	11 12 „
8	36.199	20.41	88.1	20.75	89.3	B	Midnight.
9	36.267	20.36	88.0	20.90	89.0	G	1 12 a. m.
10	36.130	20.47	87.8	20.86	88.8	G	2 12 „
11	35.787	20.53	87.5	20.85	88.5	G	3 12 „
12	35.787	20.51	87.4	20.95	88.3	G	4 12 „
13	36.816	20.60	87.0	21.00	88.1	C	5 12 „
14	37.502	20.83	86.9	21.07	87.9	C	6 12 „
15	38.531	21.04	87.3	21.04	88.0	C	7 12 „
16	38.462	21.16	88.2	20.89	88.7	C	8 12 „
17	37.159	21.25	88.8	20.40	88.8	B	9 12 „
18	35.170	21.25	89.5	20.15	89.2	B	10 12 „
19	34.141	21.15	89.9	20.35	89.5	B	11 12 „
20	32.974	20.85	90.2	20.25	90.0	B	Noon.
21	33.249	20.70	90.5	20.46	90.5	G	1 12 p. m.
22	34.621	20.41	90.8	20.60	90.9	G	2 12 „
23	35.513	20.25	91.0	20.52	91.0	G	3 12 „
MAY 31ST-Noon.	35.787	19.95	91.0	20.26	91.6	G	4 12 „
1	35.307	19.99	90.9	20.15	91.9	C	5 12 „
2	35.032	19.93	90.3	20.37	91.4	C	6 12 „
3	35.444	20.29	89.6	20.56	90.9	C	7 12 „
4	35.238	20.29	89.2	20.56	90.4	C	8 12 „
5	35.101	20.35	89.0	20.65	90.0	B	9 12 „
6	35.238	20.42	88.7	20.70	89.6	B	10 12 „
7	35.650	20.47	88.5	20.78	89.3	B	11 12 „
8	35.856	20.51	88.2	20.85	89.0	B	Midnight.
9	37.296	20.65	88.0	20.85	88.6	G	1 12 a. m.
10	36.199	20.60	87.9	20.80	88.3	G	2 12 „
11	35.581	20.65	87.9	20.80	88.3	G	3 12 „
12	36.130	20.65	87.7	20.96	88.0	G	4 12 „
13	36.885	20.80	87.4	21.00	87.6	G	5 12 „
14	37.571	20.65	87.0	21.18	87.2	G	6 12 „
15	38.397	20.80	87.0	21.00	87.0	G	7 12 „
16	38.707	20.95	87.7	20.80	87.7	G	8 12 „
17	37.228	21.00	88.5	20.50	88.5	C	9 12 „
18	34.689	21.13	89.3	19.98	89.0	C	10 12 „
19	32.837	21.16	89.8	19.75	89.7	C	11 12 „
20	32.631	20.80	90.1	19.75	90.1	C	Noon.
21	33.317	20.52	90.5	20.00	90.2	B	1 12 p. m.
22	34.552	20.29	90.7	20.25	90.6	B	2 12 „
23	35.444	20.21	90.8	20.25	91.0	B	3 12 „
JUNE 1ST-Noon	36.336	20.31	90.9	20.15	91.5	B	4 12 „
1	35.993	20.35	90.8	20.18	91.7	G	5 12 „
2	35.581	20.31	90.1	20.42	91.2	G	6 12 „
3	35.238	20.35	89.6	20.50	90.7	G	7 12 „
4	34.964	20.34	89.2	20.50	90.3	G	8 12 „
5	35.170	20.39	88.9	20.48	90.1	C	9 12 „
6	35.375	20.48	88.6	20.58	89.9	C	10 12 „
7	35.650	20.53	88.4	20.92	89.4	C	11 12 „
8	35.513	20.64	88.2	20.99	89.2	C	Midnight.
9	35.924	20.71	88.1	20.95	88.8	B	1 12 a. m.
10	35.924	20.68	88.0	21.00	88.6	B	2 12 „
11	35.856	20.69	87.6	21.15	88.5	B	3 12 „

DAILY OBSERVATIONS, FROM 1ST TO 3RD JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 1ST—12	35·933	20.69	87°5	21.10	88°2	B	4 12 a. m.
13	36.816	20.75	87.2	21.28	88.0	G	5 12 „
14	38.680	20.79	87.0	21.20	87.8	G	6 12 „
15	38.707	20.90	87.4	21.22	87.8	G	7 12 „
16	37.916	21.15	88.0	20.92	88.0	G	8 12 „
17	36.404	21·36	89·0	20.49	88.9	C	9 12 „
18	34.895	21.33	89.9	20.38	89.5	C	10 12 „
19	33.455	21.19	89.9	20·38	89.6	C	11 12 „
20	32.769	21.06	90.2	20.28	90.2	C	Noon.
21	31.877	20.91	90.6	20.35	90.5	B	1 12 p. m.
22	32.837	20·80	91.0	20.45	90.9	B	2 12 „
23	34.484	20.66	91.2	20·70	91.5	B	3 12 „
JUNE 2ND-Noon.	35.513	20.51	91.1	20.78	91.6	B	4 12 „
1	36.199	20.36	90.7	20.79	91.5	G	5 12 „
2	35.513	20.39	89·8	20.79	91.0	G	6 12 „
3	35.238	20.50	89.1	20.78	90·6	G	7 12 „
4	35.238	20.60	88.8	20.84	90.2	G	8 12 „
5	35.170	20.78	88.4	20·90	89.9	C	9 12 „
6	35.444	20.85	88.2	20.99	89.8	C	10 12 „
7	35.444	20.81	88.1	21.06	89.5	C	11 12 „
8	35.787	20·86	88.0	21·06	89.2	C	Midnight.
9	35.993	20.75	87·8	21.00	88.9	B	1 12 a. m.
10	36.199	20.85	87.6	21.05	88.7	B	2 12 „
11	36.336	20.95	87.5	21.05	88.5	B	3 12 „
12	36·542	21.00	87.5	21.08	88.5	B	4 12 „
13	37.639	21.15	87.1	21.18	88.3	G	5 12 „
14	38.668	21.15	87.0	21.30	88.0	G	6 12 „
15	38.946	21.35	87.4	21.21	88.1	G	7 12 „
16	39.080	21.52	87.7	20.94	88.3	G	8 12 „
17	38·874	21.75	88.2	20.42	89.0	C	9 12 „
18	36.267	21.84	88.8	20.07	89.3	C	10 12 „
19	34.758	21·94	89.4	20·00	89.8	C	11 12 „
20	33.592	21·89	90.0	20.00	90.2	C	Noon.
21	32.974	21.81	90.1	20.05	90.4	B	1 12 p. m.
22	33.180	21.61	90.3	20.25	90.6	B	2 12 „
23	33.729	21·44	90.4	20.35	91.0	B	3 12 „
JUNE 3RD-Noon.	34.552	21.11	90.5	20.50	91·2	B	4 12 „
1	35·375	20.95	90.0	20.60	91.3	G	5 12 „
2	34.827	20·76	89.6	20·68	90.8	G	6 12 „
3	34.689	20.74	89·0	20.72	90.5	G	7 12 „
4	35.238	20.64	88.8	20.80	90.0	G	8 12 „
5	35.718	20.67	88.3	20.96	89.8	C	9 12 „
6	35.856	20.79	88.1	21.00	89.7	C	10 12 „
7	35.924	20.99	88.0	21.00	89.4	C	11 12 „
8	36.061	21.01	87.8	21.00	89.2	C	Midnight.
9	36.061	20.93	87.5	21.00	88.9	B	1 12 a. m.
10	36.199	21.03	87.5	21.05	88.5	B	2 12 „
11	36.336	21.00	87.2	21.05	88.5	B	3 12 „
12	36.336	21.05	87.1	21.05	88.2	B	4 12 „
13	36.679	21.15	87.0	21.26	88.0	G	5 12 „
14	37.639	21.30	86.8	21.50	88.0	G	6 12 „
15	38.531	21.35	86.8	21.54	88.0	G	7 12 „
16	38.707	21.73	87.0	21.42	88.0	G	8 12 „
17	38.531	22.06	87.5	21.05	88.1	C	9 12 „
18	36.679	22.15	88.7	20.72	88.8	C	10 12 „
19	34.621	22.28	89.4	20.45	89.4	C	11 12 „
20	32.631	22.18	89·7	20.45	89.9	C	Noon.
21	32.563	21.81	90.1	20.49	90.4	B	1 12 p. m.
22	32.906	21.54	90.1	20.60	90.6	B	2 12 „
23	33.866	21.12	90.1	20.90	91.0	B	3 12 „

DAILY OBSERVATIONS, FROM 5TH TO 7TH JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 5TH-Noon.	32'837	21.45	91°0	20.70	91°5	G	4 12 p. m.
1	32.769	21.66	89.9	20.88	90.2	G	5 12 „
2	34.758	20.90	88.7	21.00	90.0	G	6 12 „
3	35.444	20.48	88.3	21.08	89.6	G	7 12 „
4	35.238	20.70	88.0	21.16	89.4	G	8 12 „
5	35.307	20.65	87.7	21.37	89.1	C	9 12 „
6	35.307	20.85	87.6	21.40	89.0	C	10 12 „
7	35.787	20.70	87.5	21.42	88.9	C	11 12 „
8	35.856	20.78	87.4	21.42	88.8	C	Midnight.
9	36.199	20.85	87.4	21.35	88.4	B	1 12 a. m.
10	36.061	20.95	87.4	21.35	88.4	B	2 12 „
11	36.199	20.81	87.2	21.45	88.2	B	3 12 „
12	36.673	20.92	87.0	21.50	88.0	B	4 12 „
13	36.610	21.02	86.9	21.56	87.9	G	5 12 „
14	38.394	21.10	86.7	21.62	87.8	G	6 12 „
15	38.462	21.19	86.7	21.40	87.8	G	7 12 „
16	37.502	21.53	87.0	21.14	88.0	G	8 12 „
17	36.061	21.82	87.5	21.00	88.2	C	9 12 „
18	33.935	21.94	88.1	20.58	88.6	C	10 12 „
19	32.974	21.91	88.5	20.56	89.1	C	11 12 „
20	32.563	21.79	89.0	20.56	89.4	C	Noon.
21	32.974	21.32	89.5	20.55	89.5	B	1 12 p. m.
22	33.592	21.11	89.5	20.75	90.0	B	2 12 „
23	34.552	21.01	89.5	20.95	90.3	B	3 12 „
JUNE 6TH-Noon.	35.513	20.81	89.5	21.20	90.5	B	4 12 „
1	36.130	20.57	89.2	21.28	90.6	G	5 12 „
2	35.856	20.51	88.5	21.24	90.0	G	6 12 „
3	35.718	20.59	88.1	21.20	89.6	G	7 12 „
4	35.101	20.55	88.1	21.20	89.4	G	8 12 „
5	35.513	20.71	88.0	21.30	89.2	C	9 12 „
6	35.718	20.71	87.9	21.36	89.2	C	10 12 „
7	35.924	20.75	87.9	21.39	89.1	C	11 12 „
8	36.061	20.79	87.7	21.41	88.9	C	Midnight.
9	36.267	20.81	87.5	21.45	88.3	B	1 12 a. m.
10	35.993	20.85	87.4	21.40	88.1	B	2 12 „
11	36.336	20.88	87.2	21.30	88.0	B	3 12 „
12	36.610	20.98	86.9	21.35	87.6	B	4 12 „
13	36.610	21.05	86.5	21.40	87.0	G	5 12 „
14	37.296	21.11	86.5	21.52	87.0	G	6 12 „
15	37.571	21.20	86.5	21.50	87.0	G	7 12 „
16	37.770	21.40	86.5	21.50	87.0	G	8 12 „
17	37.914	21.67	86.7	21.27	87.3	C	9 12 „
18	36.404	21.72	87.0	21.04	87.3	C	10 12 „
19	35.238	21.66	87.4	20.90	87.6	C	11 12 „
20	34.484	21.35	88.1	20.70	88.2	C	Noon.
21	33.729	21.19	88.6	20.85	88.6	B	1 12 p.m.
22	33.455	21.01	89.2	20.85	89.4	B	2 12 „
23	33.729	20.45	89.5	20.88	90.0	B	3 12 „
JUNE 7TH-Noon.	34.689	20.48	89.5	20.95	90.3	B	4 12 „
1	35.307	20.55	89.2	21.05	90.2	G	5 12 „
2	36.267	20.53	88.6	21.20	89.8	G	6 12 „
3	36.199	20.24	88.2	21.14	89.4	G	7 12 „
4	36.473	20.32	88.0	21.18	89.0	G	8 12 „
5	35.444	20.89	87.8	21.18	89.0	C	9 12 „
6	36.610	20.37	87.1	21.27	88.5	C	10 12 „
7	36.610	20.70	86.7	21.40	87.8	C	11 12 „
8	35.993	20.72	86.1	21.35	87.2	C	Midnight.
9	36.542	20.90	85.3	21.50	86.1	B	1 12 a. m.
10	36.473	21.05	85.5	21.70	86.0	B	2 12 „
11	36.542	21.10	85.5	21.65	85.9	B	3 12 „

DAILY OBSERVATIONS, FROM 7TH TO 9TH JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 7TH—12	36·885	21.15	85·5	21.80	85·9	B	4 12 a. m.
13	38.668	20.40	85.4	21.80	86.0	G	5 12 „
14	38.946	20.35	85.5	21.80	86.0	G	6 12 „
15	40·932	20·55	85.7	21.96	86.1	G	7 12 „
16	40.452	20.74	86.0	21.70	86.3	G	8 12 „
17	38.943	20.90	86.7	21.26	87.0	C	9 12 „
18	37.639	20.44	87.4	20.97	87.5	C	10 12 „
19	36.953	20.06	87.9	20.58	88.0	C	11 12 „
20	36.336	19.55	88.3	20.63	88·6	C	Noon.
21	36.747	18.85	88.5	20.85	88·8	B	1 12 p. m.
22	36.747	18.11	89.5	21.05	89·5	B	2 12 „
23	37.090	17.35	89.6	21·00	90.2	B	3 12 „
JUNE 8TH-Noon.	36.747	16.92	89.9	21.00	90.6	B	4 12 „
1	40.040	16.85	89.5	21.36	90.6	G	5 12 „
2	37.502	17.62	88.8	21.20	90.0	G	6 12 „
3	34.758	18.00	88.4	21·10	89.6	G	7 12 „
4	36.267	17.95	88.0	21.50	89.4	G	8 12 „
5	35.238	18.45	87.2	21.02	88·9	C	9 12 „
6	35.650	18.90	87.1	21.50	88.7	C	10 12 „
7	35.787	19·27	87.2	21·70	88.7	C	11 12 „
8	35.856	19·40	87.4	21.21	88.6	C	Midnight.
9	35.787	19.45	87·4	21.40	88.4	B	1 12 a. m.
10	36.542	19.40	87.2	21.60	88.2	B	2 12 „
11	36.336	19.75	86.9	21.75	88.0	B	3 12 „
12	36.679	19.67	87.0	21.76	87.9	B	4 12 „
13	37.022	19.87	86.5	21.80	87.7	G	5 12 „
14	38.051	20.24	86.0	22.00	87.2	G	6 12 „
15	38.325	20.45	86.7	22·00	87.5	G	7 12 „
16	38.680	20.80	87.4	21.72	88.0	G	8 12 „
17	38·188	20.94	88.4	21.41	88.6	C	9 12 „
18	37.433	20.83	89·2	21.13	89.2	C	10 12 „
19	35.856	21.05	89.9	20.70	89.8	C	11 12 „
20	35.581	19.53	90.2	20.66	90.2	C	Noon.
21	35.581	19.31	90.5	20.66	90·5	B	1 12 p. m.
22	35.650	18.61	90.5	20.72	90.6	B	2 12 „
23	35.856	18.18	90·5	20·92	90.8	B	3 12 „
JUNE 9TH-Noon.	37.228	17.68	90.3	21.10	91.0	B	4 12 „
1	36.679	17·74	89.9	21.17	90.9	G	5 12 „
2	37.159	18.36	89.4	21.26	90.5	G	6 12 „
3	35·993	18.59	88.9	21.18	90.0	G	7 12 „
4	35.787	18.96	88.8	21.30	90.0	G	8 12 „
5	35.032	19·02	88.4	21.33	89.8	C	9 12 „
6	36.610	18.85	88.0	22.30	89.2	C	10 12 „
7	36.610	19.55	87.3	22.44	88.5	C	11 12 „
8	37.159	19.95	86.9	22.46	88.0	C	Midnight.
9	37.090	19.90	86.5	22.45	87.5	B	1 12 a. m.
10	37·571	19.95	86.4	22.48	87.2	B	2 12 „
11	37.433	19.99	86.4	22.55	87.0	B	3 12 „
12	37·776	20·10	86.4	22.60	86.9	B	4 12 „
13	38.051	20.48	86.1	22.60	86.8	G	5 12 „
14	38.531	20.80	85.9	22.78	86.7	G	6 12 „
15	39.491	20.85	86.1	22.70	86·8	G	7 12 „
16	39.560	20.20	86.7	22.40	86.9	G	8 12 „
17	38.119	20.66	87.5	21.76	87·7	C	9 12 „
18	36.679	20.57	88.8	21.44	88.5	C	10 12 „
19	34.964	20.95	89.0	21.20	89.0	C	11 12 „
20	33.386	20.91	89.7	21.12	89.4	C	Noon.
21	33.455	20.41	90.2	21.28	89.6	B	1 12 p. m.
22	34.209	19.96	90.5	21.50	90.3	B	2 12 „
23	34·484	19.81	90.5	21.52	90.6	B	3 12 „

DAILY OBSERVATIONS, FROM 10TH TO 13TH JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 10TH-Noon.	34·758	19.59	90°5	21.55	90°8	B	4 12 p. m.
1	34·895	19.66	90.2	21.70	90.9	G	5 12 „
2	35.444	19.75	89.9	21.70	90.7	G	6 12 „
3	35.170	19.85	89.0	21.85	90.5	G	7 12 „
4	35.032	19.85	88.7	21·92	90.0	G	8 12 „
5	35.924	19.75	88.2	22.07	89.7	C	9 12 „
6	35.993	19.81	87.9	22.09	89.1	C	10 12 „
7	36.130	19.85	87.6	22.10	89.0	C	11 12 „
8	36.130	19.90	87.4	22.15	88.8	C	Midnight.
9	36.199	19.86	87.2	22.25	88.5	B	1 12 a. m.
10	36.610	19.87	87.1	22.25	88.4	B	2 12 „
11	36.747	20.05	87.0	22.25	88.1	B	3 12 „
12	37.228	20.01	87.0	22.25	88.0	B	4 12 „
13	37.159	20.13	87.0	22.28	87.9	G	5 12 „
14	38.051	20.12	86.9	22.50	87.8	G	6 12 „
15	38.531	20.19	87.0	22.50	87.9	G	7 12 „
16	39.286	20.26	87.3	22.46	88.0	G	8 12 „
17	39.080	20.39	88.0	22.10	88.8	C	9 12 „
18	37·982	20.49	88.6	21.91	89.1	C	10 12 „
19	36.336	20.49	89.0	21.60	89.3	C	11 12 „
20	35.170	20.52	89.7	21.50	90.0	C	Noon.
21	35.307	20.41	90.5	21·55	90.5	B	1 12 p. m.
22	35.101	20.28	90.5	21.55	91.0	B	2 12 „
23	35.238	20.08	90.9	21.56	91.4	B	3 12 „
JUNE 12TH-Noon.	35.650	19.90	90.9	21.70	91.5	G	4 12 „
1	36.199	19.99	90.4	21.78	91.4	G	5 12 „
2	36.336	20.00	89.9	21.84	90.8	G	6 12 „
3	35.650	20.00	89.2	21.80	90.5	G	7 12 „
4	35.444	20.04	88.8	21·84	90.1	G	8 12 „
5	35.993	20.15	88·0	22.00	89.5	C	9 12 „
6	36.542	20.18	87.3	22.10	89.1	C	10 12 „
7	36·130	20.35	86.7	22.11	88.5	C	11 12 „
8	36.336	20.30	86.5	22.11	88.1	C	Midnight.
9	36.336	20.35	86·3	22.25	87.9	B	1 12 a. m.
10	36.473	20.45	86 2	22.25	87.6	B	2 12 „
11	36.473	20.50	86.1	22.20	87.3	B	3 12 „
12	36·404	20.60	85.9	22.24	87.0	B	4 12 „
13	36.816	20.61	85.8	22·30	87.0	G	5 12 „
14	37.708	20.90	85.8	22.44	86.9	G	6 12 „
15	38·531	20.88	85.8	22.50	86.5	G	7 12 „
16	39.217	21.25	86.0	22.46	86.8	G	8 12 „
17	38.462	21.49	86.8	22.11	87.2	C	9 12 „
18	36.404	21.67	88.0	21.78	88.0	C	10 12 „
19	34.964	21.52	88.8	21.66	88.8	C	11 12 „
20	34.346	21.35	89.3	21.60	89.2	C	Noon. „
21	34.003	21.08	90.1	21.30	89·6	B	1 12 p. m.
22	34.072	20·81	90.5	21.52	90.4	B	2 12 „
23	34.415	20.51	90.8	21.55	90.7	B	3 12 „
JUNE 13TH-Noon.	35.170	20.35	90.7	21.65	91.0	B	4 12 „
1	35.924	20.26	90.2	21.82	91.0	G	5 12 „
2	35.650	20.36	89·6	21.86	90.7	G	6 12 „
3	35.856	20.30	88·7	21.97	90.0	G	7 12 „
4	35.924	20.32	88.0	22.00	89.6	G	8 12 „
5	35.993	20.32	87.9	21.94	89.3	C	9 12 „
6	36.061	20.37	87.8	21.94	89.1	C	10 12 „
7	35.924	20.36	87.5	21.98	89.0	C	11 12 „
8	36.267	20.40	87.3	22.00	88.8	C	Midnight.
9	36.199	20.41	87.0	22.05	88.3	B	1 12 a. m.
10	36.473	20.52	86.8	22.15	88·0	B	2 12 „
11	36.404	20.55	86.6	22.20	87.9	B	3 12 „

DAILY OBSERVATIONS, FROM 13TH TO 15TH JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 13TH—12	36·336	20.58	86·5	22.20	87·5	B	4 12 a. m.
13	36.679	20.63	86.2	22.38	87.2	G	5 12 ,,
14	38.325	20.65	85·7	22.50	86·9	G	6 12 ,,
15	38.707	20.75	85.7	22.50	86.8	G	7 12 ,,
16	39.217	20.90	86.4	22.32	87.0	G	8 12 ,,
17	37.914	21.15	87.1	22.12	88.0	C	9 12 ,,
18	36.199	21.33	87.3	22.00	88.2	C	10 12 ,,
19	35.248	21·34	88·0	21.68	88.7	C	11 12 ,,
20	34·689	21·20	88.4	21·52	89.0	C	Noon.
21	34.346	21.05	88.8	21.55	89.2	B	1 12 p. m.
22	34.484	20.82	89.0	21.55	89.5	B	2 12 ,,
23	34.827	20.55	89.1	21.56	89·6	B	3 12 ,,
JUNE 14TH-Noon.	35.444	20.38	88.9	21.95	89.9	B	4 12 ,,
1	35.581	20·36	88.5	21.94	90.0	G	5 12 ,,
2	35.444	20.45	87.9	22·00	89.2	G	6 12 ,,
3	35.375	20.41	87.6	22.00	88.9	G	7 12 ,,
4	35·581	20·50	87.4	22.00	88.5	G	8 12 ,,
5	35.924	20.54	87·0	21.10	88.3	C	9 12 ,,
6	36·199	20.55	86.8	20.50	88.1	C	10 12 ,,
7	36.542	20.68	86.0	20.10	87.6	C	11 12 ,,
8	36.199	20.80	85.6	20.19	87.3	C	Midnight.
9	36.336	20.85	85.6	20·35	87.0	B	1 12 a. m.
10	36.061	20.90	85.5	20.40	86.6	B	2 12 ,,
11	36.199	21.00	85.3	20·45	86.5	B	3 12 ,,
12	36.199	20.90	85.3	20.45	86.5	B	4 12 ,,
13	36.679	20.95	85.3	20.70	86.4	G	5 12 ,,
14	38.051	20.82	85.3	20.56	86.4	G	6 12 ,,
15	39.011	21.10	85.5	20.50	86.6	G	7 12 ,,
16	38.707	21.35	85.7	20.34	86.6	G	8 12 ,,
17	37.296	21.69	86.6	20.21	87.0	C	9 12 ,,
18	35.032	21.84	87.4	19·80	87.3	C	10 12 ,,
19	33.660	21.76	88.0	19·60	87.7	C	11 12 ,,
20	33·249	21.41	88.6	19.60	88.4	C	Noon.
21	34.072	21.01	89.0	19·85	88.8	B	1 12 p. m.
22	34.758	20·81	89.4	19.95	89.3	B	2 12 ,,
23	35.170	20.53	89.4	20.05	89.6	B	3 12 ,,
JUNE 15TH-Noon.	35.650	20.51	88.9	20·00	89.6	B	4 12 ,,
1	35.856	20.50	88.6	20.00	89.5	G	5 12 ,,
2	35.650	20.55	88.0	20.00	89.2	G	6 12 ,,
3	35.238	20.51	87.7	20.00	88.8	G	7 12 ,,
4	35.170	20.70	87·5	20·02	88.5	G	8 12 ,,
5	35.375	20.78	87.2	20.20	88.3	C	9 12 ,,
6	35.513	20.72	87.0	20.21	88.0	C	10 12 ,,
7	35.718	20.89	86.8	20.28	87·9	C	11 12 ,,
8	35.924	20.93	86.5	20.30	87.7	C	Midnight.
9	35.924	21·01	86.4	20.35	87.5	B	1 12 a. m.
10	36.199	21·08	86.2	20.35	87.3	B	2 12 ,,
11	36.610	21.09	86.1	20.45	87.1	B	3 12 ,,
12	36.404	20.97	85.9	20·44	87.0	B	4 12 ,,
13	37.159	20.83	85.9	20.50	87.0	G	5 12 ,,
14	37·708	21.04	85.9	20.48	87.0	G	6 12 ,,
15	39.011	21.02	86.0	20·48	86.9	G	7 12 ,,
16	39.011	21.13	86.2	20·30	87.0	G	8 12 ,,
17	37·365	21.28	87.0	20.00	87.6	C	9 12 ,,
18	35.101	21.48	87.6	20.00	88.0	C	10 12 ,,
19	33.592	21.73	88.0	19.60	88.1	C	11 12 ,,
20	32.974	21.35	88.4	19.55	88·7	C	Noon.
21	33.180	20.82	89.0	19.50	89·1	B	1 12 p. m.
22	33.249	20.52	89.4	19.75	89·5	B	2 12 ,,
23	34.003	20.32	89.6	19.85	90.0	B	3 12 ,,

DAILY OBSERVATIONS, FROM 16TH TO 19TH JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 16TH-Noon.	34·689	20.22	89°5	19.86	90°3	B	4 12 p. m.
1	35.375	20.42	89.5	19.90	90.3	G	5 12 ,,
2	35.718	20.38	88.8	19.98	90.0	G	6 12 ,,
3	35·238	20.35	88.2	20.00	89.5	G	7 12 ,,
4	35.307	20.39	88.0	20.00	89.1	G	8 12 ,,
5	35.513	20.49	87.7	20.00	89.0	C	9 12 ,,
6	35.718	20.60	87.4	20.15	88.9	C	10 12 ,,
7	35.856	20.73	87.3	20.24	88.7	C	11 12 ,,
8	36·747	20·75	87.0	20.45	88.4	C	Midnight.
9	36.885	20.55	87.0	20.45	88.2	B	1 12 a. m.
10	37.296	20.53	86.9	20.45	87.6	B	2 12 ,,
11	37.776	20.51	86.1	20.40	87.0	B	3 12 ,,
12	37.708	20.60	85.5	20.48	86.5	B	4 12 ,,
13	37.296	20.65	85.4	20.50	86.4	G	5 12 ,,
14	38.946	20.85	85.7	20.68	86.4	G	6 12 ,,
15	39.080	21.00	86.1	20.70	86.6	G	7 12 ,,
16	39.286	20·78	87.0	20.49	87.0	G	8 12 ,,
17	37.296	21.13	87.4	20.11	87·7	C	9 12 ,,
18	34.964	21.28	88.2	20.00	88·1	C	10 12 ,,
19	33.729	21.29	88.9	20.05	88·8	C	11 12 ,,
20	33.523	21.20	88.4	20.05	88.8	C	Noon.
21	33.866	21.01	87.5	20.30	88.5	B	1 12 p. m.
22	34.552	20.81	89.0	20.45	89.1	B	2 12 ,,
23	34.827	20.58	89.5	20.35	89.5	B	3 12 ,,
JUNE 17TH-Noon.	35.444	20.21	89.6	20.15	90.1	B	4 12 ,,
1	34.827	20.26	89.5	20.10	90.0	G	5 12 ,,
2	35.032	20.33	88.9	20.18	89.8	G	6 12 ,,
3	35.101	20.40	88·0	20.38	89.2	G	7 12 ,,
4	35.238	20.45	87.7	20.49	89.0	G	8 12 ,,
5	35.787	20.37	87.3	20.50	88.8	C	9 12 ,,
6	36.130	20.45	87.1	20.50	88.5	C	10 12 ,,
7	36.610	20.55	87.0	20.50	88.3	C	11 12 ,,
8	36.610	20.60	87.0	20.60	88.2	C	Midnight.
9	36.610	20.65	87·0	20.55	88.0	B	1 12 a. m.
10	36.679	20.74	86.7	20·55	87.8	B	2 12 ,,
11	36·885	20.75	86.5	20.55	87.5	B	3 12 ,,
12	37.159	20.92	86.1	20.65	87.1	B	4 12 ,,
13	37.845	20.90	86.0	20.74	87.0	G	5 12 ,,
14	39.286	20.78	85.8	20.86	86.8	G	6 12 ,,
15	39.629	20.94	86.5	20.58	87.0	G	7 12 ,,
16	39.217	20.94	87.0	20.20	87.4	G	8 12 ,,
17	37.022	21.20	87.8	20.00	88.0	C	9 12 ,,
18	35.170	21.24	88.8	19.92	88.8	C	10 12 ,,
19	34.209	21.09	89.2	20.00	89.1	C	11 12 ,,
20	33·386	20.96	89.8	19.94	89.8	C	Noon.
21	33.729	20.80	90.0	20.05	90.0	B	1 12 p. m.
22	34.209	20.50	90.1	20.05	90.5	B	2 12 ,,
23	34.895	20.08	90.5	20·00	90.9	B	3 12 ,,
JUNE 19TH-Noon.	35.856	20.37	90.1	20.10	90.9	G	4 12 ,,
1	35.856	20.37	88.8	20.28	90.1	G	5 12 ,,
2	35.581	20.48	88.2	20.30	89·4	G	6 12 ,,
3	35.238	20.51	88.0	20.30	89.0	G	7 12 ,,
4	35.307	20.50	87.8	20.30	88.8	G	8 12 ,,
5	35.650	20.49	87.4	20.38	88.6	C	9 12 ,,
6	35.924	20.55	87.3	20.40	88.3	C	10 12 ,,
7	36.542	20.53	87.0	20.48	88.2	C	11 12 ,,
8	35.747	20.55	87.0	20.49	88.1	C	Midnight.
9	37.159	20.52	86.8	20.50	87.8	B	1 12 a. m.
10	37.365	20.53	86.6	20.45	87·7	B	2 12 ,,
11	37.433	20.59	86.5	20.45	87.5	B	3 12 ,,

DAILY OBSERVATIONS, FROM 19TH TO 21ST JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 19TH—12	37·571	20.64	85·9	20.45	87·0	B	4 12 a. m.
13	37.502	20.79	85.1	20.48	86.6	G	5 12 ,,
14	38.188	21.05	84·4	20.54	86·4	G	6 12 ,,
15	35.571	21.44	84.7	20.55	86·4	G	7 12 ,,
16	37.022	21.60	84.9	20.50	85.8	G	8 12 ,,
17	36.542	21.80	84.3	20.75	85.6	C	9 12 ,,
18	35.307	21.91	84.3	20.60	85.3	C	10 12 ,,
19	34·278	22.05	84.1	20.60	85.2	C	11 12 ,,
20	34.141	22.02	83.8	20.50	85·0	C	Noon.
21	33.798	21.75	83.5	20.50	85.0	B	1 12 p. m.
22	33.386	21.70	83.6	20.70	84.4	B	2 12 ,,
23	34.484	21.43	84.2	20·85	84.6	B	3 12 ,,
JUNE 20TH-Noon.	35.513	21.25	84.4	20.85	84.7	B	4 12 ,,
1	36.267	21.24	84.2	20.90	83.8	G	5 12 ,,
2	35.856	21.10	84.4	20.70	84.4	G	6 12 ,,
3	35.513	21.10	84.0	20.70	84·3	G	7 12 ,,
4	35.513	21.10	84.0	20.76	84.3	G	8 12 ,,
5	35.856	21.07	84.5	20.70	84.8	C	9 12 ,,
6	35.581	21.10	83.7	20.80	84.3	C	10 12 ,,
7	35.924	21.28	83.3	20.82	84.1	C	11 12 ,,
8	36.542	21.27	83.2	20.95	84.0	C	Midnight.
9	37.090	21.35	83.3	20.85	83·8	B	1 12 a. m.
10	36.846	21.45	83.2	20.85	83.8	B	2 12 ,,
11	37.022	21.41	83.1	20.85	83.8	B	3 12 ,,
12	36.816	21.51	83.1	20.85	83.8	B	4 12 ,,
13	37.159	21.65	83.1	20.94	83.8	G	5 12 ,,
14	38.257	21.86	83.3	21.00	84.0	G	6 12 ,,
15	38.394	21.95	83.0	20.98	83.4	G	7 12 ,,
16	38.257	22.15	82.6	20.90	82.7	G	8 12 ,,
17	39.217	22.43	82.5	20.76	83.0	C	9 12 ,,
18	38.325	22.41	83.3	20.60	83·6	C	10 12 ,,
19	36.199	22.38	81.8	20.92	82.9	C	11 12 ,,
20	33.455	22.33	81.4	21.00	82.7	C	Noon.
21	32.974	22.21	82.0	20·90	82.7	B	1 12 p. m.
22	34.209	21.98	82.4	21.15	82.7	B	2 12 ,,
23	35·444	21.78	82.3	21.15	82.5	B	3 12 ,,
JUNE 21ST-Noon.	36.885	21.65	81.4	21.24	82.1	B	4 12 ,,
1	36.542	21.65	81.0	21.25	81.3	G	5 12 ,,
2	35.993	21.85	81.0	21.16	81.2	G	6 12 ,,
3	35.307	21.78	81.2	21.00	81.2	G	7 12 ,,
4	35.101	21.77	81.5	21.08	81.5	G	8 12 ,,
5	35.170	21.82	81.1	21.12	81.5	C	9 12 ,,
6	35.513	21.90	81.2	21.15	81.6	C	10 12 ,,
7	35.993	21.85	81.4	21.15	82.0	C	11 12 ,,
8	36.404	21.73	81.3	21.18	81.9	C	Midnight.
9	36.747	21.67	81.5	21.40	81.7	B	1 12 a. m.
10	36.885	21.74	81.6	21.40	81.7	B	2 12 ,,
11	37.022	21.71	81.8	21.45	81.9	B	3 12 ,,
12	36.885	21.75	81.6	21.45	82.0	B	4 12 ,,
13	37.090	21.74	82.0	21.50	82.2	G	5 12 ,,
14	38.051	21.79	81.8	21.58	82.0	G	6 12 ,,
15	38.531	21.85	82.0	21.59	82·1	G	7 12 ,,
16	38.805	21.95	82.0	21.46	82.1	G	8 12 ,,
17	37.571	22.29	82.0	21.12	82.1	C	9 12 ,,
18	35.444	22·66	82.2	21.02	82.4	C	10 12 ,,
19	34.552	22.66	82.4	21.00	83.1	C	11 12 ,,
20	33.592	22.40	85.0	20.88	84.5	C	Noon.
21	32.906	22.21	85.5	20.85	85.1	B	1 12 p. m.
22	33.455	21.95	85.5	21.00	85.3	B	2 12 ,,
23	34.003	21.78	85.5	21.00	85.6	B	3 12 ,,

DAILY OBSERVATIONS, FROM 22ND TO 24TH JUNE 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
JUNE 22ND-Noon.	34'827	21.51	85°6	21.02	86°1	B	4 12 p. m.
1	34.827	21.42	85.6	21.00	86.0	G	5 12 ,,
2	34.827	21.54	84.8	21.00	85.3	G	6 12 ,,
3	34.621	21.44	84.2	21.00	85.0	G	7 12 ,,
4	34.346	21.45	84.0	21.04	85.0	G	8 12 ,,
5	34.827	21.52	84.0	21.00	85.0	C	9 12 ,,
6	35.170	21.70	83.7	21.31	84.8	C	10 12 ,,
7	35.581	21.49	83.7	21.50	84.8	C	11 12 ,,
8	36.336	21.61	83.5	21.76	84.5	C	Midnight.
9	37.090	21.51	83.4	21.65	84.3	B	1 12 a. m.
10	36.610	21.17	83.4	21.45	84.2	B	2 12 ,,
11	36.130	21.65	83.4	21.38	84.0	G	3 12 ,,
12	36.130	21.60	83.1	21.46	83.8	G	4 12 ,,
13	36.542	21.36	83.1	21.50	83.8	C	5 12 ,,
14	38.051	21.24	82.9	21.59	83.7	C	6 12 ,,
15	39.080	21.31	82.6	21.70	83.4	B	7 12 ,,
16	39.148	21.39	82.3	21.42	83.0	B	8 12 ,,
17	37.982	21.80	81.9	21.29	82.8	G	9 12 ,,
18	35.993	22.30	82.4	20.90	83.0	G	10 12 ,,
19	34.895	20.70	83.0	20.76	83.3	C	11 12 ,,
20	35.718	19.47	82.4	21.15	83.1	C	Noon.
21	33.729	18.90	82.6	21.18	83.0	B	1 12 p. m.
22	33.523	19.25	83.0	21.42	83.1	B	2 12 ,,
23	34.389	19.20	82.7	21.50	83.0	G	3 12 ,,
JUNE 23RD-Noon.	35.101	19.72	82.0	21.60	82.8	G	4 12 ,,
1	35.650	19.94	81.8	21.68	82.6	C	5 12 ,,
2	34.621	19.66	81.3	21.74	82.1	C	6 12 ,,
3	35.170	19.55	80.8	21.88	81.6	B	7 12 ,,
4	35.375	19.90	81.0	21.92	81.7	B	8 12 ,,
5	35.924	20.25	80.8	22.00	81.5	G	9 12 ,,
6	37.433	20.10	80.8	22.00	81.4	G	10 12 ,,
7	38.051	19.72	80.1	22.05	81.1	C	11 12 ,,
8	37.708	20.62	79.8	22.01	80.8	C	Midnight.
9	37.982	20.65	80.2	22.04	80.9	B	1 12 a. m.
10	38.600	20.80	80.1	22.14	80.8	B	2 12 ,,
11	38.946	21.05	79.7	22.10	80.6	B	3 12 ,,
12	38.531	20.85	80.0	21.95	80.6	B	4 12 ,,
13	39.247	20.78	80.0	21.98	80.5	G	5 12 ,,
14	40.520	20.80	79.8	22.10	80.5	G	6 12 ,,
15	41.344	20.79	79.8	22.14	80.6	G	7 12 ,,
16	38.707	21.07	80.2	21.88	80.6	G	8 12 ,,
17	38.325	21.10	80.3	21.75	80.7	C	9 12 ,,
18	36.953	21.49	80.6	21.62	80.8	C	10 12 ,,
19	35.238	21.70	80.9	21.56	81.0	C	11 12 ,,
20	33.935	21.76	81.0	21.48	81.4	C	Noon.
21	33.866	21.58	81.7	21.55	82.0	B	1 12 p. m.
22	34.278	21.39	82.2	21.55	82.3	B	2 12 ,,
23	34.552	21.16	82.0	21.70	82.3	B	3 12 ,,
JUNE 24TH-Noon.	35.101	20.81	81.6	21.85	82.2	B	4 12 ,,
1	35.523	20.75	81.4	21.90	82.0	G	5 12 ,,
2	35.856	20.85	81.5	21.90	82.0	G	6 12 ,,
3	35.856	20.83	81.5	21.95	82.0	G	7 12 ,,
4	35.856	20.85	81.7	21.94	82.0	G	8 12 ,,
5	35.924	20.79	81.4	21.95	82.0	C	9 12 ,,
6	36.267	20.78	81.3	21.96	82.0	C	10 12 ,,
7	36.336	20.92	81.3	21.96	81.9	C	11 12 ,,
8	36.747	20.94	81.3	21.98	81.9	C	Midnight.
9	36.816	20.86	81.6	21.85	81.9	B	1 12 a. m.
10	37.159	20.89	81.6	21.85	82.0	B	2 12 ,,
11	37.502	20.89	81.6	21.85	82.1	B	3 12 ,,

DAILY OBSERVATIONS, FROM 24TH TO 27TH JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 24TH—12	37·571	20.92	81°3	21.95	81°9	B	4 12 a. m.
13	37.914	21.00	81.0	21.98	81.5	G	5 12 „
14	38.874	21.05	81.2	22.00	81.5	G	6 12 „
15	39.903	21.15	81.4	22.00	81.8	G	7 12 „
16	39.972	21.24	82.0	21.94	82.0	G	8 12 „
17	38.805	21·51	81·5	21.65	82.0	C	9 12 „
18	37.296	21.78	80.5	21.55	81.6	C	10 12 „
19	35.238	22.01	80.5	21·25	81.1	C	11 12 „
20	34.003	22.07	81.0	21.25	81.4	C	Noon.
21	33.935	21.90	81·5	21.08	81.8	B	1 12 p. m.
22	34.758	21·76	81.6	21.00	82.0	B	2 12 „
23	34.895	21.46	81.3	20·77	82.0	B	3 12 „
JUNE 26TH-Noon.	35.513	21.45	81.9	21.95	82.5	B	4 12 „
1	35.993	21.45	81.9	21.86	82.5	G	5 12 „
2	35.650	21.53	82.6	21.70	82.9	G	6 12 „
3	35.238	21.32	83.0	21.54	83·0	G	7 12 „
4	35.307	21.45	82.8	21.70	83.0	G	8 12 „
5	35.718	21·20	82.6	21·76	83.0	C	9 12 „
6	36.336	21.09	82.8	21.78	83.2	C	10 12 „
7	36.336	21.17	82.8	21.86	83.2	C	11 12 „
8	36.336	21·18	82.8	21·89	83.2	C	Midnight.
9	36.542	21.19	82·6	21.85	83.0	B	1 12 a. m.
10	36.953	21.06	82.5	21.85	83.0	B	2 12 „
11	37.159	21.15	82.5	21.85	83.0	B	3 12 „
12	36·747	21.16	82.4	21.85	82.9	B	4 12 „
13	36.885	21.20	82.2	22.00	82.9	G	5 12 „
14	38.257	21.45	81.3	22·00	82.3	G	6 12 „
15	38.680	21.47	80.9	22.00	82.3	G	7 12 „
16	37.982	21.75	81.0	21.94	82.8	G	8 12 „
17	36.747	21.65	81.6	21.84	82.8	C	9 12 „
18	35.307	21.88	81.5	21.60	82.6	C	10 12 „
19	34.621	21·98	81.7	21.58	82.7	C	11 12 „
20	34.072	21.81	82.4	21.54	83.0	C	Noon.
21	34.141	21.75	83.2	21.45	83.2	B	1 12 p. m.
22	34.346	21.61	83.6	21.42	83.5	B	2 12 „
23	34.621	21·25	84.0	21.45	83.9	B	3 12 „
JUNE 27TH-Noon.	35·307	21.16	83.4	21.45	84·0	B	4 12 „
1	34.758	21.05	83.7	21.50	84.2	G	5 12 „
2	34.895	20·95	83.5	21·50	84.2	G	6 12 „
3	35.101	20.92	83·3	21.55	84.2	G	7 12 „
4	35.375	21.00	83.3	21.70	84.0	G	8 12 „
5	35.307	21.15	83.2	21.87	84.0	C	9 12 „
6	35.581	21.13	83.1	21.75	84.0	C	10 12 „
7	35.718	21.10	83.0	21.88	83.9	C	11 12 „
8	35.924	21.11	83.0	21.89	83.8	C	Midnight.
9	36.885	21.12	83.0	21.95	83.8	B	1 12 a. m.
10	37.296	21.28	82.6	21.95	83.6	B	2 12 „
11	36.953	21.43	81.5	21.95	82.8	B	3 12 „
12	36.610	21.50	81.2	21.95	82.2	B	4 12 „
13	36.953	21.45	82.1	21.90	82.4	G	5 12 „
14	37.639	21.35	82.2	22.00	82.7	G	6 12 „
15	38.257	21.50	82.2	21.98	82.9	G	7 12 „
16	38.737	21.75	82.5	21.80	83.0	G	8 12 „
17	37.433	21.97	82.6	21.62	83.1	C	9 12 „
18	35.924	22.07	82.7	21.47	83.2	C	10 12 „
19	34.964	21.97	83.2	21.38	83.6	C	11 12 „
20	34.415	21.89	83.4	21.38	83.8	C	Noon.
21	34.827	21.75	83.5	21.60	83.8	B	1 12 p. m.
22	35.101	21.71	83.5	21.74	84.0	B	2 12 „
23	35.307	21.58	83.5	21.85	84.0	B	3 12 „

DAILY OBSERVATIONS, FROM 28TH TO 30TH JUNE 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 28TH-Noon.	35'513	21.41	83°3	21.95	84°0	B	4 12 p. m.
1	35.444	21.36	83.2	21.92	84.0	G	5 12 ,,
2	34.837	21.39	83.0	21.88	83.7	G	6 12 ,,
3	35.170	21.25	83.0	21.90	83.6	G	7 12 ,,
4	35.238	21.20	83.0	21.95	83.5	G	8 12 ,,
5	35.650	21.11	82.9	21.97	83.5	C	9 12 ,,
6	35.513	21.10	82.8	22.00	83.5	C	10 12 ,,
7	35.513	21.19	82.8	22.07	83.5	C	11 12 ,,
8	35.581	21.21	82.8	22.14	83.5	C	Midnight.
9	36.199	21.28	82.6	21.95	83.4	B	1 12 a. m.
10	36.336	21.42	82.3	21.90	83.1	B	2 12 ,,
11	36.199	21.55	82.3	21.95	83.1	B	3 12 ,,
12	36.610	21.53	82.3	21.95	83.0	B	4 12 ,,
13	36.679	21.52	82.4	21.96	83.0	G	5 12 ,,
14	37.365	21.38	82.4	22.00	83.2	G	6 12 ,,
15	37.708	21.55	82.5	22.00	83.2	G	7 12 ,,
16	37.639	21.90	82.8	22.00	83.2	G	8 12 ,,
17	37.433	21.98	83.2	22.03	83.4	C	9 12 ,,
18	37.159	21.74	84.0	21.87	84.0	C	10 12 ,,
19	36.336	21.67	85.0	21.63	84.8	C	11 12 ,,
20	35.238	21.67	85.3	21.28	85.3	C	Noon.
21	34.346	21.53	85.5	21.45	85.5	B	1 12 p. m.
22	34.827	21.22	85.5	21.45	85.6	B	2 12 ,,
23	34.758	20.81	85.3	21.56	85.7	B	3 12 ,,
JUNE 29TH-Noon.	35.101	20.85	85.2	21.55	85.7	B	4 12 ,,
1	35.581	20.82	85.1	21.60	85.6	G	5 12 ,,
2	35.924	20.80	84.7	21.62	85.4	G	6 12 ,,
3	35.787	20.71	84.2	21.59	85.0	G	7 12 ,,
4	35.924	20.54	84.0	21.60	84.9	G	8 12 ,,
5	36.130	20.57	83.9	21.60	84.8	C	9 12 ,,
6	36.199	20.73	83.6	21.67	84.7	C	10 12 ,,
7	36.267	20.75	83.4	21.68	84.4	C	11 12 ,,
8	36.404	20.75	83.3	21.68	84.3	C	Midnight.
9	36.199	20.85	83.2	21.85	84.0	B	1 12 a. m.
10	36.473	20.81	83.2	21.75	83.8	B	2 12 ,,
11	36.336	20.95	83.0	21.75	83.7	B	3 12 ,,
12	36.199	20.98	82.9	21.75	83.5	B	4 12 ,,
13	36.610	21.00	82.9	21.84	83.4	G	5 12 ,,
14	37.845	21.00	82.8	21.94	83.4	G	6 12 ,,
15	38.394	21.24	83.0	21.94	83.5	G	7 12 ,,
16	38.119	21.45	83.8	21.69	83.8	G	8 12 ,,
17	36.336	21.60	84.0	21.52	84.3	C	9 12 ,,
18	34.689	21.68	84.3	21.50	84.5	C	10 12 ,,
19	33.523	21.65	85.1	21.36	85.0	C	11 12 ,,
20	33.592	21.60	85.4	21.35	85.6	C	Noon.
21	33.180	21.38	85.6	21.25	85.8	B	1 12 p. m.
22	34.141	20.95	86.2	21.40	86.4	B	2 12 ,,
23	34.631	20.67	86.5	21.45	86.6	B	3 12 ,,
JUNE 30TH-Noon.	35.375	20.51	86.2	21.45	86.7	B	4 12 ,,
1	36.336	20.55	85.8	21.58	86.5	G	5 12 ,,
2	36.199	20.65	85.0	21.54	86.0	G	6 12 ,,
3	35.523	20.70	84.8	21.50	85.6	G	7 12 ,,
4	35.856	20.65	84.5	21.50	85.4	G	8 12 ,,
5	36.199	20.68	84.2	21.65	85.2	C	9 12 ,,
6	36.199	20.79	83.7	21.65	85.0	C	10 12 ,,
7	36.267	20.90	83.5	21.76	84.7	C	11 12 ,,
8	36.610	20.80	83.4	21.70	84.4	C	Midnight.
9	36.747	20.95	83.3	21.75	84.1	B	1 12 a. m.
10	36.542	21.00	83.3	21.75	84.0	B	2 12 ,,
11	36.473	20.98	83.2	21.75	84.0	B	3 12 ,,

DAILY OBSERVATIONS, FROM 30TH JUNE TO 3RD JULY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JUNE 30TH-12	36·679	21.00	83°2	21.85	83°8	B	4 12 a. m.
13	37.159	21.10	83.0	21.90	83.7	G	5 12 ,,
14	37.571	21.25	82.8	21.68	83.3	G	6 12 ,,
15	38·119	21·50	83.2	21.50	83.4	G	7 12 ,,
16	38.462	21.34	84.0	21.26	83.8	G	8 12 ,,
17	37.571	21.33	84.5	21.05	84.2	B	9 12 ,,
18	35.238	21.35	85.1	20.75	85.0	B	10 12 ,,
19	33.729	21.46	85.6	20.80	85.4	B	11 12 ,,
20	33.798	21.38	86.4	20.85	86·0	B	Noon.
21	34.621	21.05	86.8	20.98	86·7	C	1 12 p. m.
22	35.513	20.88	87.2	20.90	87·1	C	2 12 ,,
23	36.610	20.66	87.2	20·88	87.5	C	3 12 ,,
JULY 1ST-Noon.	36.747	20.34	87.2	20.90	87.7	C	4 12 ,,
1	36.473	20.25	86.6	20.75	87.5	B	5 12 ,,
2	35.718	20.38	86.1	20.85	87.0	B	6 12 ,,
3	35.375	20.52	85.6	20.90	86.6	B	7 12 ,,
4	34.895	20.58	85.3	20.98	86.2	B	8 12 ,,
5	35.856	20.31	85.2	21.00	86·0	G	9 12 ,,
6	35.375	20.64	85.0	21.02	85.7	G	10 12 ,,
7	36.061	20·55	84.9	21·18	85.5	G	11 12 ,,
8	36.130	20·66	84.8	21.20	85.4	G	Midnight.
9	35.856	20.82	84·4	21.28	85.3	C	1 12 a. m.
10	36.474	20.86	84.2	21.39	85.2	C	2 12 ,,
11	36.267	20.69	84.1	21.39	85.1	C	3 12 ,,
12	36.610	21.00	84.0	21.41	84.9	C	4 12 ,,
13	36.747	21.12	83.8	21.30	84.5	B	5 12 ,,
14	37.776	21.06	83.6	21.45	84.4	B	6 12 ,,
15	37.914	21.05	83.7	21·44	84.2	B	7 12 ,,
16	37.708	21.24	83.8	21·35	84.3	B	8 12 ,,
17	36·816	21.19	84.4	20.97	85.0	G	9 12 ,,
18	35.101	21.25	85·2	20.90	85.4	G	10 12 ,,
19	33.798	21.09	85.2	20.88	85.8	G	11 12 ,,
20	33.180	21.16	85.1	20.86	85.9	G	Noon.
21	33.455	20.65	85.4	20.96	86·0	C	1 12 p. m.
22	34.758	20.84	84.4	21.20	84.9	C	2 12 ,,
23	35.924	20.95	84·3	21·20	84.6	C	3 12 ,,
JULY 3RD-Noon.	36.199	20.77	85.6	20.89	87.0	C	4 12 ,,
1	36.747	20·54	85.3	20.94	86.3	C	5 12 ,,
2	36.747	20.55	85.0	20.74	86.1	C	6 12 ,,
3	36·267	20.46	84.5	21.00	85.6	B	7 12 ,,
4	36.747	20.35	84.3	21.20	85.3	B	8 12 ,,
5	36.267	20·65	84.2	21.18	85.0	G	9 12 ,,
6	35.924	20.65	84.0	21.02	84.9	G	10 12 ,,
7	36.267	20.70	84.0	21.00	84.7	G	11 12 ,,
8	36.610	20.74	83.8	21.00	84.5	G	Midnight.
9	36.473	20.80	83.6	21.00	84.5	C	1 12 a. m.
10	36·610	20.75	83.4	21.00	84.4	C	2 12 ,,
11	36.885	20.81	83.3	21.03	84.3	C	3 12 ,,
12	36·885	20·81	83.2	21.05	84.2	C	4 12 ,,
13	37.159	20.93	83.2	21.20	84.0	B	5 12 ,,
14	38.394	21.02	83.1	21.40	83.8	B	6 12 ,,
15	38.394	21.15	83.4	21.40	83·8	B	7 12 ,,
16	37.571	21.46	83.7	21.25	84.0	B	8 12 ,,
17	37.502	21.65	84.6	21.00	84·7	G	9 12 ,,
18	36.130	21.65	85.3	20.75	85.0	G	10 12 ,,
19	34.346	21.60	85.8	20.79	85.4	G	11 12 ,,
20	34.209	21.47	86.4	20.85	86.1	G	Noon.
21	34.141	21.26	86.8	20.88	86.6	C	1 12 p. m.
22	34.415	21.08	87.1	20.95	87.2	C	2 12 ,,
23	35·650	20.63	87.2	20.98	87.7	C	3 12 ,,

DAILY OBSERVATIONS, FROM 4TH TO 6TH JULY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY 4TH-Noon.	36'199	20.65	86°8	21.00	87°6	C	4 12 p. m.
1	36.473	20.58	85.9	21.25	87.0	B	5 12 ,,
2	36.473	20.63	85.5	21.28	86.6	B	6 12 ,,
3	36.061	20.65	85.1	21.25	86.3	B	7 12 ,,
4	36.130	20.55	84.6	21.30	85.7	B	8 12 ,,
5	36.336	20.70	84.5	21.38	85.2	G	9 12 ,,
6	36.267	20.64	84.4	21.38	85.1	G	10 12 ,,
7	36.679	20.70	84.2	21.40	85.0	G	11 12 ,,
8	36.542	20.74	84.2	21.46	84.9	G	Midnight.
9	36.199	20.85	84.1	21.40	84.9	C	1 12 a. m.
10	36.473	20.86	83.9	21.38	84.8	C	2 12 ,,
11	36.336	20.87	83.7	21.44	84.7	C	3 12 ,,
12	36.542	20.99	83.5	21.47	84.6	C	4 12 ,,
13	36.885	21.01	83.3	21.42	84.1	B	5 12 ,,
14	38.325	21.18	83.2	21.75	83.9	B	6 12 ,,
15	38.600	21.35	83.6	21.65	84.0	B	7 12 ,,
16	38.257	21.49	84.1	21.40	84.4	B	8 12 ,,
17	37.914	22.00	85.0	21.14	85.0	G	9 12 ,,
18	36.679	21.60	85.8	21.00	85.5	G	10 12 ,,
19	34.895	21.52	86.5	20.92	86.0	G	11 12 ,,
20	34.964	21.56	86.9	20.51	86.8	G	Noon.
21	33.523	21.52	87.1	20.55	87.4	C	1 12 p. m.
22	33.660	21.25	87.3	20.64	87.7	C	2 12 ,,
23	34.552	20.90	87.5	20.66	88.0	C	3 12 ,,
JULY 5TH-Noon.	35.513	20.48	87.5	20.67	88.3	C	4 12 ,,
1	36.267	20.26	87.1	20.72	88.0	B	5 12 ,,
2	36.267	20.31	86.2	20.75	87.5	B	6 12 ,,
3	35.924	20.35	85.5	20.85	87.1	B	7 12 ,,
4	36.061	20.50	85.3	20.95	86.6	B	8 12 ,,
5	36.542	20.67	85.1	21.00	86.2	G	9 12 ,,
6	36.130	20.69	85.0	21.00	86.0	G	10 12 ,,
7	36.267	20.80	84.8	21.00	85.6	G	11 12 ,,
8	36.407	20.85	84.7	21.00	85.3	G	Midnight.
9	36.542	20.85	84.4	20.97	85.3	C	1 12 a. m.
10	36.407	20.95	84.1	20.98	85.2	C	2 12 ,,
11	36.404	21.15	84.0	21.00	85.1	C	3 12 ,,
12	36.404	21.16	83.9	21.00	85.0	C	4 12 ,,
13	36.542	21.20	83.7	21.10	84.6	B	5 12 ,,
14	37.924	21.40	83.6	21.30	84.5	B	6 12 ,,
15	39.080	21.50	83.8	21.25	84.5	B	7 12 ,,
16	39.286	21.60	84.6	21.00	84.8	B	8 12 ,,
17	38.874	21.70	85.5	20.78	85.4	G	9 12 ,,
18	37.365	21.70	86.3	20.54	86.0	G	10 12 ,,
19	35.238	21.74	87.0	20.40	86.7	G	11 12 ,,
20	34.209	21.70	87.5	20.48	87.0	G	Noon. ,,
21	33.317	21.55	87.5	20.51	87.7	C	1 12 p. m.
22	32.837	21.40	87.7	20.54	88.1	C	2 12 ,,
23	33.043	20.95	87.9	20.56	88.4	C	3 12 ,,
JULY 6TH-Noon.	33.935	20.64	87.9	20.56	88.6	C	4 12 ,,
1	34.827	20.63	87.2	20.75	88.2	B	5 12 ,,
2	35.650	20.68	86.7	20.85	87.8	B	6 12 ,,
3	35.238	20.72	86.3	20.75	87.2	B	7 12 ,,
4	35.375	20.73	86.1	20.85	87.0	B	8 12 ,,
5	35.787	20.76	85.8	20.98	86.5	G	9 12 ,,
6	36.061	20.75	85.6	21.00	86.3	G	10 12 ,,
7	36.130	20.85	85.4	21.00	86.2	G	11 12 ,,
8	36.473	20.99	85.3	21.00	86.0	G	Midnight.
9	36.542	21.01	85.2	21.04	85.9	C	1 12 a. m.
10	36.542	21.05	85.1	21.07	85.8	C	2 12 ,,
11	36.473	21.12	84.9	21.05	85.7	C	3 12 ,,

DAILY OBSERVATIONS, FROM 6TH TO 8TH JULY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY. 6TH—12	36·404	21.15	84°6	21.02	85°5	C	4 12 a. m.
13	36·885	21.13	84.5	21.00	85.1	B	5 12 „
14	37.914	21.24	84.3	21.15	85.0	B	6 12 „
15	38.600	21.26	84·5	21.20	85.0	B	7 12 „
16	38.943	21.41	85.0	20.90	85.2	B	8 12 „
17	37.571	21.70	85.7	20.78	85.5	G	9 12 „
18	36.061	21.88	86.1	20.36	86.0	G	10 12 „
19	34.141	22.11	86.7	20.28	86·5	G	11 12 „
20	33.180	22.11	87.3	20.40	86.9	G	Noon.
21	33.455	21.85	87·9	20.50	87.7	C	1 12 p. m.
22	34.827	21.57	87·9	20.55	87.9	C	2 12 „
23	35.650	21.32	87·9	20.80	88.1	C	3 12 „
JULY 7TH-Noon.	35.856	21.06	87.2	20·80	88.0	C	4 12 „
1	35.650	20.88	87.1	20.75	87.5	B	5 12 „
2	35.718	20.89	86.5	20.75	87·2	B	6 12 „
3	35.650	20.82	85.9	21.00	86.8	B	7 12 „
4	35.787	20.90	85.5	20.50	86.6	B	8 12 „
5	35.650	21.00	85.2	20.46	86.2	G	9 12 „
6	35.650	21.04	85.2	20.46	86.0	G	10 12 „
7	35.993	21.10	85.1	20.44	86.0	G	11 12 „
8	36.199	21.14	85.0	20·50	85.6	G	Midnight.
9	36.542	21.15	84.5	20.40	85.2	C	1 12 a. m.
10	36.610	21.19	84.4	20.40	85.2	C	2 12 „
11	36.542	21.17	84.2	20.50	85.2	C	3 12 „
12	36.404	21.21	84.1	20.54	85.1	C	4 12 „
13	36.885	21.24	84.0	20.55	84.9	B	5 12 „
14	37.571	21.35	83.9	20.60	84.6	B	6 12 „
15	38.257	21·55	83.9	20.60	84.6	B	7 12 „
16	38.119	21.76	83.9	20.50	84.6	B	8 12 „
17	36.885	22.14	84.0	20.46	84.8	G	9 12 „
18	35.581	22.36	84.4	20.40	85.0	G	10 12 „
19	34.552	22·49	85.0	20.38	85.1	G	11 12 „
20	34.484	22.40	85.8	20.12	85.5	G	Noon.
21	34.003	22.16	86·0	20·10	86.2	C	1 12 p. m.
22	33.592	22.00	86·0	20·08	86.4	C	2 12 „
23	35.101	21.69	85·7	20.32	86.4	C	3 12 „
JULY 8TH-Noon.	35.718	21·40	85.4	20.34	86.4	C	4 12 „
1	36.199	21.15	85.2	20.55	86.1	B	5 12 „
2	36.404	21.08	85·1	20.60	86·0	B	6 12 „
3	36.130	21.05	84.7	20.45	85.6	B	7 12 „
4	35.993	21.02	84·5	20·45	85.5	B	8 12 „
5	35.993	21·05	84.4	20.50	85·5	G	9 12 „
6	36.061	21.10	84·4	20.50	85.1	G	10 12 „
7	35.924	21.10	84.4	20.50	85·0	G	11 12 „
8	35.924	21·14	84.3	20.50	85.0	G	Midnight.
9	36.130	21.19	84.1	20.46	84.9	C	1 12 a. m.
10	36·267	21.32	83.3	20.41	84.7	C	2 12 „
11	36·199	21·26	83.7	20.47	84.7	C	3 12 „
12	36.679	21.17	83.2	20.49	84.3	C	4 12 „
13	36.679	21·30	82.8	20.50	84.0	B	5 12 „
14	37.776	21.50	82.5	20.55	83.6	B	6 12 „
15	38.600	21.70	82.5	20.65	83·5	B	7 12 „
16	38.946	21.80	82.7	20.55	83·7	B	8 12 „
17	37.571	22.16	82.1	20.42	83·1	G	9 12 „
18	35.856	22.30	82.0	20.30	83·0	G	10 12 „
19	34.689	22·40	81.9	20.34	82·7	G	11 12 „
20	34.209	22.46	81.8	20.44	82·4	G	Noon.
21	33.866	22.44	81.8	20.47	82·4	C	1 12 p. m.
22	33.729	22.39	82.2	20.41	82·8	C	2 12 „
23	35.032	21·81	81.3	20.37	82·3	C	3 12 „

DAILY OBSERVATIONS, FROM 10TH TO 12TH JULY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY 10TH-Noon.	35·513	21.82	83°4	20.50	84°2	B	4 12 p. m.
1	35.718	21.66	83.0	20.62	83.8	B	5 12 ,,
2	35.993	21.15	82.6	20.65	83.5	B	6 12 ,,
3	35·513	21.32	82.2	20.65	83.1	B	7 12 ,,
4	35.170	21.45	82.3	20.70	83.0	B	8 12 ,,
5	35.523	21.60	82.2	20.78	82.9	G	9 12 ,,
6	35.993	21.65	82.0	20.90	82.8	G	10 12 ,,
7	36.473	21.66	82.0	21.00	82.5	G	11 12 ,,
8	36.610	21.75	81.8	21.00	82.3	G	Midnight.
9	36.542	21.78	81.9	21.04	82.3	C	1 12 a. m.
10	36.267	21.79	81.8	21.08	82.3	C	2 12 ,,
11	36·816	21.59	81.5	20.95	82·2	C	3 12 ,,
12	36.816	21·65	81.6	20.87	82.2	C	4 12 ,,
13	37.365	21.64	81·8	20.95	82.3	B	5 12 ,,
14	38.394	21.81	81.6	21.00	82.1	B	6 12 ,,
15	39.423	21.83	81.9	21.06	82.2	B	7 12 ,,
16	38·874	21.91	82.4	20·90	82·5	B	8 12 ,,
17	38.119	22.05	82.0	20.64	82·5	G	9 12 ,,
18	35·444	22.10	81.8	20.50	82.1	G	10 12 ,,
19	34.827	22.24	81.3	20.58	82.0	G	11 12 ,,
20	34.415	22·19	82.0	20.65	82.4	G	Noon.
21	34.827	22.00	82.9	20.66	83.2	C	1 12 p. m.
22	34.895	21.85	83.3	20.60	83.5	C	2 12 ,,
23	35.375	21.62	84.1	20·46	84.2	C	3 12 ,,
JULY 11TH-Noon.	35.718	21.43	84.2	20.38	84.8	C	4 12 ,,
1	35.787	21.39	83.0	20·60	84·0	B	5 12 ,,
2	36.061	21.35	83.0	20.74	84.0	B	6 12 ,,
3	35.993	21.27	82.5	20.75	83·6	B	7 12 ,,
4	35·718	21.25	82.5	20.70	83.4	B	8 12 ,,
5	35.787	21.35	82.6	21.22	83.3	G	9 12 ,,
6	35.924	21.36	82.6	21.30	83.3	G	10 12 ,,
7	35.924	21·33	82.2	21.72	83·0	G	11 12 ,,
8	36.542	21.50	81.8	22.00	82.7	G	Midnight.
9	36.130	21·54	81.7	22.00	82.6	C	1 12 a. m.
10	36.610	21.52	81·8	22.09	82.6	C	2 12 ,,
11	36.816	21.52	81.9	22·27	82.6	C	3 12 ,,
12	36.885	21.48	82.0	22·39	82.6	C	4 12 ,,
13	37.159	21·51	82.0	22.35	82.6	B	5 12 ,,
14	38.119	21.62	82.0	22.45	82.6	B	6 12 ,,
15	39.011	21.87	82.3	22.40	82.5	B	7 12 ,,
16	38.943	22.08	82.7	22.30	82.8	B	8 12 ,,
17	38.668	22·34	83.3	22.24	83.3	G	9 12 ,,
18	37.365	22.44	83.8	22.00	83·5	G	10 12 ,,
19	36.704	22.28	84.6	21.95	84.3	G	11 12 ,,
20	36.473	22·41	85.0	21.92	84.9	G	Noon.
21	35.718	22.05	85.4	21.86	85.8	C	1 12 p. m.
22	35.238	21.73	85·4	21.82	85.8	C	2 12 ,,
23	35.650	21.54	85.7	21·82	86.3	C	3 12 ,,
JULY 12TH-Noon.	35.718	21.39	85.3	21.75	86.2	C	4 12 ,,
1	36.061	21.32	85.0	21.95	86.0	B	5 12 ,,
2	36.130	21.24	84.5	21.92	85.6	B	6 12 ,,
3	35.787	21·20	83.7	21.90	84·8	B	7 12 ,,
4	35.856	21.25	83·0	22.05	84.0	B	8 12 ,,
5	35.523	21.25	83.0	22.10	83.9	G	9 12 ,,
6	36.199	21·36	82.3	22.14	83.2	G	10 12 ,,
7	36.199	21.50	82.0	22.28	83.0	G	11 12 ,,
8	37.159	21.45	82.3	22.40	83.0	G	Midnight.
9	37.502	21.35	82.3	22.30	83.2	C	1 12 a. m.
10	37.639	21·31	82.3	22.24	83.2	C	2 12 ,,
11	37.571	21.40	82.2	22.24	83.1	C	3 12 ,,

DAILY OBSERVATIONS, FROM 12TH TO 14TH JULY 1864.

DATE. Göttingen Mean Time.. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY 12TH—12	37·433	21.45	82°1	22.30	83°0	C	4 12 a. m.
13	37.571	21.50	81.5	22.35	82.5	B	5 12 ,,
14	38.257	21.70	81.8	22.45	82.2	B	6 12 ,,
15	39·148	21·95	81.2	22.35	82.1	B	7 12 ,,
16	39.148	22.00	81.1	22.25	82.0	B	8 12 ,,
17	37.914	22.40	81.4	22.20	82.0	G	9 12 ,,
18	37·159	22.85	82.0	22.18	82.0	G	10 12 ,,
19	36.130	22.55	82·0	22.08	82.5	G	11 12 ,,
20	34.964	22.34	82.2	22.00	82.7	G	Noon.
21	34.209	21.91	82.6	22.00	83.0	C	1 12 p. m.
22	35.032	21.65	82.8	22.02	83.1	C	2 12 ,,
23	35.581	21.55	82.9	22.10	83.2	C	3 12 ,,
JULY 13TH-Noon.	35.101	21.56	83.0	22.14	83.3	C	4 12 ,,
1	35.238	21.48	82.5	22.00	83.0	B	5 12 ,,
2	35.238	21.49	82.3	22.00	82.8	B	6 12 ,,
3	35.444	21.50	81.8	22.15	82.4	B	7 12 ,,
4	35.307	21.45	81.8	22.25	82.4	B	8 12 ,,
5	35.787	21.45	82.0	22.25	82.5	G	9 12 ,,
6	35·787	21.50	82.0	22.40	82.5	G	10 12 ,,
7	36.061	21.51	82.1	22.40	82.5	G	11 12 ,,
8	36.542	21.55	81.8	22.44	82.4	G	Midnight.
9	36.885	21.90	80.9	22.31	82.0	C	1 12 a. m.
10	37.296	21.79	81.0	22.42	81.9	C	2 12 ,,
11	37.296	21.51	81.3	22.44	82.0	C	3 12 ,,
12	37.296	21.49	81·5	22.44	82.0	C	4 12 ,,
13	37.228	21.49	81.5	22.60	82.0	B	5 12 ,,
14	37.914	21.55	81·5	22.85	82.0	B	6 12 ,,
15	38.668	21.75	81.6	22.80	82.0	B	7 12 ,,
16	39.286	22.00	80.5	22.85	81.2	B	8 12 ,,
17	38.680	22.38	80.5	22.58	81.0	G	9 12 ,,
18	37.885	22.76	80·1	22.50	81.0	G	10 12 ,,
19	35.170	22.95	81.4	22.50	81.4	G	11 12 ,,
20	34.621	22.76	82.5	22.44	82.5	G	Noon.
21	33.729	22.35	83.4	22.18	83.2	C	1 12 p. m.
22	33.660	21.95	83.8	22.14	84.0	C	2 12 ,,
23	34.895	21.62	83.8	22.08	84.2	C	3 12 ,,
JULY 14TH-Noon.	36.061	21.38	83.5	22.10	84.2	C	4 12 ,,
1	36.404	21.31	83.5	22.40	84.2	B	5 12 ,,
2	36.336	21.31	83.0	22.40	83.7	B	6 12 ,,
3	36.130	21.21	82.6	22.35	83.5	B	7 12 ,,
4	35.993	21.33	82.6	22.45	83.5	B	8 12 ,,
5	35.993	21.35	82.7	22.50	83.3	G	9 12 ,,
6	36.061	21.35	82.7	22.50	83.3	G	10 12 ,,
7	36.199	21.35	82.6	22.50	83.2	G	11 12 ,,
8	36.473	21.39	82.4	22.50	83.0	G	Midnight.
9	36.885	21.41	82.2	22.54	83.0	C	1 12 a. m.
10	36.885	21.47	82.1	22.54	83.0	C	2 12 ,,
11	36·885	21.49	82.0	22.51	82.9	C	3 12 ,,
12	37.090	21.49	82.0	22.51	82.9	C	4 12 ,,
13	37.090	21.46	82.0	22.55	82.9	B	5 12 ,,
14	38.188	21.49	82.0	22.64	82.8	B	6 12 ,,
15	39.011	21.51	82.5	22.65	82.9	B	7 12 ,,
16	39.011	21.76	83.1	22·40	83.2	B	8 12 ,,
17	37.639	21.91	83.8	22.14	83.5	G	9 12 ,,
18	36.267	22.00	84.4	22.00	84.3	G	10 12 ,,
19	35.513	21.96	85.0	22.00	84.9	G	11 12 ,,
20	34.964	21.83	85.3	22.00	85.1	G	Noon.
21	34.689	21.57	85.7	22.00	85.9	C	1 12 p. m.
22	35.238	21.39	85.7	21.96	86.2	C	2 12 ,,
23	35.787	21.18	85.7	21.96	86 5	C	3 12 ,,

DAILY OBSERVATIONS, FROM 15TH TO 18TH JULY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizonal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY 15TH-Noon.	35'856	21.14	85°3	21.92	86°4	C	4 12 p. m.
1	36.336	21.04	84.6	22.00	86.0	B	5 12 ,,
2	36.267	21.01	84.4	22.20	85.5	B	6 12 ,,
3	36.199	21.01	84.0	22.22	85.1	B	7 12 ,,
4	36.061	21.13	83.5	22.25	84.5	B	8 12 ,,
5	36.061	21.22	83.5	22.30	84.4	G	9 12 ,,
6	36.199	21.16	83.3	22.46	84.0	G	10 12 ,,
7	36.473	21.25	83.3	22.50	84.0	G	11 12 ,,
8	36.542	21.16	83.2	22.50	83.9	G	Midnight.
9	36.610	21.38	83.0	22.51	83.9	C	1 12 a. m.
10	36.816	21.38	82.9	22.54	83.9	C	2 12 ,,
11	36.885	21.39	82.8	22.54	83.8	C	3 12 ,,
12	36.679	21.47	82.7	22.57	83.6	C	4 12 ,,
13	36.885	21.51	82.6	22.55	83.5	B	5 12 ,,
14	38.051	21.51	82.5	22.65	83.2	B	6 12 ,,
15	37.982	21.68	82.6	22.62	83.2	B	7 12 ,,
16	37.090	21.99	83.4	22.52	83.5	B	8 12 ,,
17	36.336	22.15	84.0	22.50	83.8	G	9 12 ,,
18	35.444	22.28	84.9	22.39	84.7	G	10 12 ,,
19	34.003	22.19	85.0	22.26	84.9	G	11 12 ,,
20	33.043	22.03	85.3	22.25	85.1	G	Noon.
21	33.112	21.87	85.3	22.30	85.6	C	1 12 p. m.
22	34.003	21.65	85.4	22.33	85.9	C	2 12 ,,
23	35.375	21.39	85.4	22.39	86.0	C	3 12 ,,
JULY 17TH-Noon.	36.542	21.07	83.7	22.35	84.5	B	4 12 ,,
1	36.542	21.02	82.6	22.40	83.6	B	5 12 ,,
2	36.061	21.10	82.5	22.30	83.2	B	6 12 ,,
3	35.924	21.25	82.6	22.20	83.4	B	7 12 ,,
4	35.924	21.26	82.6	22.32	83.4	B	8 12 ,,
5	36.130	21.32	82.8	22.46	83.3	G	9 12 ,,
6	36.542	21.35	82.8	22.62	83.2	G	10 12 ,,
7	36.542	21.37	82.8	22.70	83.2	G	11 12 ,,
8	36.747	21.45	82.7	22.54	83.0	G	Midnight.
9	36.885	21.48	82.6	22.50	83.0	C	1 12 a. m.
10	36.954	21.49	82.5	22.34	83.0	C	2 12 ,,
11	36.885	21.54	82.4	22.32	83.0	C	3 12 ,,
12	36.816	21.56	82.3	22.27	82.9	C	4 12 ,,
13	36.747	21.63	82.1	22.35	82.9	B	5 12 ,,
14	37.845	21.75	82.0	22.45	82.8	B	6 12 ,,
15	38.051	22.08	82.2	22.45	82.7	B	7 12 ,,
16	37.502	22.27	82.1	22.32	82.6	B	8 12 ,,
17	36.747	22.49	82.2	22.30	82.8	G	9 12 ,,
18	35.581	22.68	82.2	22.28	82.8	G	10 12 ,,
19	34.895	22.75	82.5	22.28	82.8	G	11 12 ,,
20	34.278	22.59	82.9	22.28	83.0	G	Noon.
21	34.072	22.39	82.4	22.39	83.0	C	1 12 p. m.
22	33.455	22.10	82.6	22.40	83.0	C	2 12 ,,
23	34.484	21.89	82.8	22.47	83.3	C	3 12 ,,
JULY 18TH-Noon.	36.718	21.69	82.8	22.50	83.3	C	4 12 ,,
1	36.199	21.52	82.6	22.40	83.2	B	5 12 ,,
2	36.473	21.44	82.5	22.35	83.1	B	6 12 ,,
3	35.924	21.51	82.2	22.25	83.0	B	7 12 ,,
4	35.924	21.49	82.2	22.25	82.9	B	8 12 ,,
5	36.199	21.42	82.2	22.30	82.9	G	9 12 ,,
6	36.407	21.34	82.2	22.40	82.8	G	10 12 ,,
7	36.610	21.15	82.2	22.50	82.8	G	11 12 ,,
8	37.159	20.95	82.4	22.50	82.8	G	Midnight.
9	37.776	20.89	82.4	22.50	82.8	C	1 12 a. m.
10	38.188	20.72	82.4	22.57	82.8	C	2 12 ,,
11	38.946	20.94	82.1	22.59	82.7	C	3 12 ,,

DAILY OBSERVATIONS, FROM 18TH TO 20TH JULY 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
							h. m.
July 18th—12	38·531	20.98	81·9	22·59	82·6	C	4 12 a. m.
13	37.982	21.15	81.9	22.45	82.5	B	5 12 ,,
14	38.051	21·40	81·9	22.45	82·3	B	6 12 ,,
15	37.637	21.73	82.0	22.45	82.3	B	7 12 ,,
16	36.747	21.75	82.3	22.25	82.4	B	8 12 ,,
17	35.856	21·55	82.6	22.20	82.8	G	9 12 ,,
18	35.375	21.14	83.0	22.14	83.0	G	10 12 ,,
19	35.444	20.86	83·1	22.18	83.2	G	11 12 ,,
20	35·101	20.80	83.3	22·10	83.3	G	Noon.
21	35.032	20.50	83.4	22.02	83.9	C	1 12 p. m.
22	35·307	20.95	82.8	22.10	83.1	C	2 12 ,,
23	34.278	21.23	82.9	22.15	83·2	C	3 12 ,,
July 19th-Noon.	36.267	20.49	83.1	22.50	83.5	C	4 12 ,,
1	37.022	20·13	83.0	22.35	83.4	B	5 12 ,,
2	36.885	20.09	82.9	22·45	83.3	B	6 12 ,,
3	36.885	20.22	82.8	22.45	83.2	B	7 12 ,,
4	36.885	20·31	82.7	22.45	83.1	B	8 12 ,,
5	37.639	20.49	82·6	22.50	83.0	G	9 12 ,,
6	37·845	20.65	82.6	22.50	83.0	G	10 12 ,,
7	38.257	20.44	82.5	22.58	83.0	G	11 12 ,,
8	38.257	20.85	82.1	22.50	82.8	G	Midnight.
9	38.946	20.75	82.2	22·58	82.9	C	1 12 a. m.
10	39.286	20.98	82.0	22.59	82.7	C	2 12 ,,
11	39.423	21.00	82·0	22·59	82.7	C	3 12 ,,
12	39.766	21.01	82.0	22.62	82.7	C	4 12 ,,
13	39.903	21.01	82.0	22.65	82.5	B	5 12 ,,
14	39.148	20.95	81.9	22.70	82.4	B	6 12 ,,
15	38.531	20.60	81.9	22.65	82.4	B	7 12 ,,
16	38.531	20.10	81.9	22.75	82.3	B	8 12 ,,
17	38.737	20.85	82·2	22.70	82.4	G	9 12 ,,
18	37.639	20.26	82.6	22·66	82.5	G	10 12 ,,
19	36.473	20.25	82.1	22.58	82.4	G	11 12 ,,
20	35·581	20.45	82.3	22.60	82.5	G	Noon.
21	35.856	20.36	82.8	22·60	82.9	C	1 12 p. m.
22	36.199	20·31	82.1	22.72	82.6	C	2 12 ,,
23	36.473	19.95	82.0	22.87	82.6	C	3 12 ,,
July 20th-Noon.	37.845	20.05	82.4	22.90	82.9	C	4 12 ,,
1	37.639	20.08	82.4	22·75	82.6	B	5 12 ,,
2	36.953	20.02	82.2	22.75	82.5	B	6 12 ,,
3	37.090	19.94	82.1	22.75	82.5	B	7 12 ,,
4	36.679	20.11	82·1	22.75	82.5	B	8 12 ,,
5	36.007	20.35	82.0	22·64	82.5	G	9 12 ,,
6	37.296	20.35	82.0	22.70	82.5	G	10 12 ,,
7	37.296	20.61	82.0	22.78	82·5	G	11 12 ,,
8	37.296	20.69	82.2	22.80	82.7	G	Midnight.
9	38.051	20.66	81.6	22.91	82.4	C	1 12 a. m.
10	38.188	20·38	81.8	22.69	82.4	C	2 12 ,,
11	38.462	20·92	81.6	22.65	82.2	B	3 12 ,,
12	39.148	20.63	81.5	22.65	82.1	B	4 12 ,,
13	38.531	20.68	81.5	22·70	82.0	G	5 12 ,,
14	39·217	20.36	81.5	22.72	82.0	G	6 12 ,,
15	40.589	20.35	81.3	22.71	82.0	C	7 12 ,,
16	40.520	20.70	81.3	22·57	82.0	C	8 12 ,,
17	38·943	21.35	82.3	22.20	82.3	B	9 12 ,,
18	36.542	21.31	82.8	22·00	82.7	B	10 12 ,,
19	34.758	21.49	83.3	22.00	83.2	G	11 12 ,,
20	34.072	21.45	83.8	22.00	83·7	G	Noon.
21	33.523	21.29	84.1	22.00	84·2	C	1 12 p. m.
22	34.141	20.89	84.1	22.00	84·4	C	2 12 ,,
23	35.032	20.74	83.5	22.24	84.0	B	3 12 ,,

DAILY OBSERVATIONS, FROM 21ST TO 24TH JULY 1864.

DATE, Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY 21ST-Noon.	35·924	20.66	82·9	22.45	83·4	B	4 12 p. m.
1	36.610	20.50	82.6	22.50	83.1	G	5 12 ,,
2	36.954	20.54	82.0	22.50	82.7	G	6 12 ,,
3	36·679	20.37	82.0	22.54	82.6	C	7 12 ,,
4	36.816	20.42	82.0	22.49	82.6	C	8 12 ,,
5	37.296	20.38	82.0	22.42	82.5	B	9 12 ,,
6	37.228	20.45	82.0	22.42	82.5	B	10 12 ,,
7	37.571	20.55	82.0	22.50	82.5	G	11 12 ,,
8	37.502	20·54	82.0	22.52	82.5	G	Midnight.
9	37.571	20.48	81.5	22.57	82.2	C	1 12 a. m.
10	37.914	20.70	81.1	22.50	81.9	C	2 12 ,,
11	37.914	20.79	81.1	22.62	81.9	C	3 12 ,,
12	37.845	20.88	81.1	22.57	81.9	C	4 12 ,,
13	38.462	21.05	81.2	22.65	81.7	B	5 12 ,,
14	38.805	21.20	81.2	22.80	81.7	B	6 12 ,,
15	39.354	21.28	81.3	22.70	81.7	B	7 12 ,,
16	39.560	21·48	81.5	22.45	82.0	B	8 12 ,,
17	38.257	21.65	82.0	22.14	82·5	G	9 12 ,,
18	36.199	21.85	81.8	22.12	82·1	G	10 12 ,,
19	34.209	21.95	82.4	22.04	82·5	G	11 12 ,,
20	35.032	21.90	82.8	22.20	82.8	G	Noon.
21	33.798	21.76	83.0	22.38	83.1	C	1 12 p. m.
22	34.827	21.61	82.5	22.50	83.1	C	2 12 ,,
23	36·130	21.35	82.0	22.50	82.7	C	3 12 ,,
JULY 22ND-Noon.	37.090	21.09	81.7	22.68	82.4	C	4 12 ,,
1	37.502	21.01	81.4	22.55	82.0	B	5 12 ,,
2	37.502	21.05	81.5	22.55	82.0	B	6 12 ,,
3	36.885	21.01	81·5	22.45	82.0	B	7 12 ,,
4	36.747	20.96	81.5	22.55	82.0	B	8 12 ,,
5	37.228	20.85	81.0	22.60	81.6	G	9 12 ,,
6	37.296	20.93	81.0	22.68	81.5	G	10 12 ,,
7	37.228	21.05	81.1	22.70	81.7	G	11 12 ,,
8	37.365	21.09	81.1	22.70	81.7	G	Midnight.
9	37.502	21.11	81·1	22.88	81.7	C	1 12 a. m.
10	37.845	21.13	81.1	22·80	81.7	C	2 12 ,,
11	37·708	21.27	81.1	22.76	81.7	C	3 12 ,,
12	37.845	21.30	81.1	22.75	81.7	C	4 12 ,,
13	38.805	21.27	80.5	22.65	81.1	B	5 12 ,,
14	39.491	21.45	80.5	22.65	81.0	B	6 12 ,,
15	39.491	21.50	80.6	22.75	81.0	B	7 12 ,,
16	39.491	21·55	81.0	22.55	81.3	B	8 12 ,,
17	38.668	21.75	81.6	22.44	82.0	G	9 12 ,,
18	36.407	21.83	82.0	22.40	82.2	G	10 12 ,,
19	36.747	21.85	82.9	22.28	82.8	G	11 12 ,,
20	36·407	21.58	83.4	22.16	83.2	G	Noon.
21	35.718	21.65	83.0	22.19	83.1	C	1 12 p. m.
22	36.473	21.49	83.0	22.28	83.1	C	2 12 ,,
23	36.954	21.25	83.2	22·47	83.2	C	3 12 ,,
JULY 24TH-Noon.	36.542	20.91	83.5	22.15	84.2	B	4 12 ,,
1	37.090	20.91	82.8	22.35	83.9	B	5 12 ,,
2	37.159	20.69	82.4	22.45	83·0	B	6 12 ,,
3	37.433	20.85	82.2	22.40	82.9	B	7 12 ,,
4	36.747	21.01	82.1	22.45	82.7	B	8 12 ,,
5	36.473	21.00	82.0	22.36	82.5	G	9 12 ,,
6	36.679	21.15	82.0	22.40	82.5	G	10 12 ,,
7	36.473	21.15	82.0	22.48	82.4	G	11 12 ,,
8	37.022	21.15	81.6	22.50	82.0	G	Midnight.
9	36.954	21.23	81.6	22.52	82.0	C	1 12 a. m.
10	37.365	21.27	81.4	22.55	82·0	C	2 12 ,,
11	37.571	21.28	81.3	22.86	81.9	C	3 12 ,,

DAILY OBSERVATIONS, FROM 24TH TO 26TH JULY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY 24TH—12	37.571	21.29	81.2	22.88	81.8	C	4 12 a. m.
13	37.571	21.25	81.3	22.85	81.8	B	5 12 „
14	37.708	21.31	81.3	22.75	81.8	B	6 12 „
15	38.394	21.55	81.5	22.65	81.9	B	7 12 „
16	38.462	21.64	81.6	22.55	82.0	B	8 12 „
17	38.119	21.85	82.7	22.50	82.5	G	9 12 „
18	36.816	21.95	83.0	22.24	82.8	G	10 12 „
19	35.170	21.75	83.4	22.14	83.2	G	11 12 „
20	34.415	21.36	83.8	22.00	83.5	G	Noon.
21	34.003	21.33	84.1	21.95	83.9	C	1 12 p. m.
22	34.346	21.29	84.1	22.07	84.2	C	2 12 „
23	35.581	21.12	83.9	22.40	84.1	C	3 12 „
JULY 25TH-Noon.	36.473	20.91	83.6	22.49	84.0	C	4 12 „
1	37.090	20.93	83.2	22.45	83.6	B	5 12 „
2	37.433	20.87	83.0	22.45	83.1	B	6 12 „
3	36.747	20.85	82.5	22.45	83.0	B	7 12 „
4	36.542	20.98	82.5	22.45	83.0	B	8 12 „
5	36.816	21.01	82.2	22.48	83.0	G	9 12 „
6	37.022	21.00	82.1	22.50	82.8	G	10 12 „
7	36.885	21.05	82.0	22.50	82.5	G	11 12 „
8	37.159	21.05	82.0	22.50	82.5	G	Midnight.
9	37.776	21.24	81.9	22.42	82.5	C	1 12 a. m.
10	37.571	21.25	81.8	22.37	82.5	C	2 12 „
11	37.228	21.25	81.6	22.39	82.4	C	3 12 „
12	36.747	21.08	81.5	22.46	82.3	C	4 12 „
13	37.022	21.31	81.5	22.55	82.0	B	5 12 „
14	37.502	21.48	81.5	22.68	82.0	B	6 12 „
15	38.325	21.51	81.5	22.65	82.0	B	7 12 „
16	38.668	21.71	82.0	22.55	82.2	B	8 12 „
17	37.776	21.71	82.5	22.50	82.3	G	9 12 „
18	36.816	21.76	83.1	22.36	82.8	G	10 12 „
19	36.473	21.51	83.8	22.22	83.2	G	11 12 „
20	35.307	21.44	84.0	22.02	83.5	G	Noon.
21	34.415	21.16	84.1	22.00	84.0	C	1 12 p. m.
22	34.827	21.06	84.6	22.00	84.6	C	2 12 „
23	35.170	20.87	84.6	22.08	84.9	C	3 12 „
JULY 26TH-Noon.	35.581	20.74	84.2	22.07	84.4	C	4 12 „
1	35.924	20.85	83.6	22.15	83.8	B	5 12 „
2	36.610	20.90	83.0	22.35	83.4	B	6 12 „
3	36.542	20.95	82.5	22.45	83.0	B	7 12 „
4	35.856	20.90	82.5	22.45	82.8	B	8 12 „
5	36.199	20.90	82.5	22.50	82.8	G	9 12 „
6	36.747	20.90	82.5	22.50	82.7	G	10 12 „
7	36.816	20.99	82.2	22.55	82.5	G	11 12 „
8	36.747	21.05	82.0	22.54	82.4	G	Midnight.
9	36.816	21.01	81.5	22.39	82.1	C	1 12 a. m.
10	36.954	21.23	81.1	22.48	81.8	C	2 12 „
11	36.610	21.25	81.2	22.52	81.8	C	3 12 „
12	36.679	21.23	81.0	22.55	81.7	C	4 12 „
13	37.228	21.20	81.0	22.60	81.5	B	5 12 „
14	38.051	21.35	81.1	22.75	81.5	B	6 12 „
15	37.982	21.35	81.4	22.65	81.6	B	7 12 „
16	37.502	21.42	82.0	22.55	82.0	B	8 12 „
17	36.885	21.57	82.8	22.44	82.5	G	9 12 „
18	36.199	21.74	83.4	22.36	83.0	G	10 12 „
19	35.513	21.60	84.0	22.30	83.3	G	11 12 „
20	34.827	21.63	84.6	22.28	84.0	G	Noon.
21	34.689	21.18	84.9	22.20	84.3	C	1 12 p. m.
22	34.895	21.19	84.6	22.16	84.8	C	2 12 „
23	34.620	21.19	84.5	22.25	84.8	C	3 12 „

DAILY OBSERVATIONS, FROM 27TH TO 29TH JULY 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY 27TH-Noon.	36·473	21.06	84·3	22.30	84·8	C	4 12 p. m.
1	36.473	21.05	83.7	22.25	84.2	B	5 12 ,,
2	36.336	21.01	83.4	22.25	83.8	B	6 12 ,,
3	36.130	20.92	83.1	22.25	83.5	B	7 12 ,,
4	35.787	21.02	82.9	22.25	83.2	B	8 12 ,,
5	35.993	21.15	82.8	22.28	83.0	G	9 12 ,,
6	36.199	21.15	82.3	22.30	82.9	G	10 12 ,,
7	36.130	21.30	82.2	22.42	82.8	G	11 12 ,,
8	36.473	21.15	82.2	22.50	82.8	G	Midnight.
9	36.747	21.12	82.1	22·56	82·7	C	1 12 a. m.
10	36·885	21.24	82.0	22.59	82.5	C	2 12 ,,
11	37.022	21.29	81·9	22.50	82.3	C	3 12 ,,
12	37·022	21.32	81.8	22.48	82.2	C	4 12 ,,
13	37.502	21.33	81.5	22.55	82.0	B	5 12 ,,
14	37.914	21.45	81.5	22.65	82.0	B	6 12 ,,
15	38.462	21 40	81.6	22.60	82.0	B	7 12 ,,
16	38.394	21.45	81·9	22.50	82.1	B	8 12 ,,
17	38.188	21.54	82.4	22.50	82.8	G	9 12 ,,
18	36.610	21.79	83·2	22.38	83.0	G	10 12 ,,
19	36.267	21.86	84.0	22.22	83.6	G	11 12 ,,
20	36.061	21.75	84.8	22.10	84.0	G	Noon.
21	36.199	21.39	84.9	22.08	84.8	C	1 12 p. m.
22	36.816	20.82	84.9	22.12	85.0	C	2 12 ,,
23	36.816	20.69	84.9	22.10	85.1	C	3 12 ,,
JULY 28TH-Noon.	36.747	20.61	85.0	22·10	85.2	C	4 12 ,,
1	36.610	20.45	84.6	22.15	84.6	B	5 12 ,,
2	36.199	20.35	83.8	22.30	84.3	B	6 12 ,,
3	35.924	20.41	83.2	22.35	84.0	B	7 12 ,,
4	36.199	20.35	83.0	22·45	83.6	B	8 12 ,,
5	36.473	20.44	82.8	22.48	83.3	G	9 12 ,,
6	36.542	21.00	82.8	22.46	83.0	G	10 12 ,,
7	36.964	21·02	82.5	22.48	83.0	G	11 12 ,,
8	36.885	21.00	82.4	22.50	82.8	G	Midnight.
9	36.747	21.01	82.4	22.50	83.0	C	1 12 a. m.
10	37.022	21.00	81.6	22.68	82.5	C	2 12 ,,
11	37.022	21.38	81.5	22.73	82.3	C	3 12 ,,
12	37.022	20.97	81.5	22.75	82.2	C	4 12 ,,
13	36.542	21.20	81.5	22.80	82.0	B	5 12 ,,
14	37.228	21.33	81.5	22.85	82.0	B	6 12 ,,
15	38.257	21·50	81.6	22.85	82.0	B	7 12 ,,
16	37.571	21.66	82.2	22.75	82.2	B	8 12 ,,
17	35.307	21.95	82.4	22.60	82.6	G	9 12 ,,
18	34.415	22.00	83.7	22.36	83.5	G	10 12 ,,
19	33.386	21.95	84.6	22.30	84.0	G	11 12 ,,
20	33.523	21·56	84.8	22.46	84.4	G	Noon.
21	33.592	21.35	84.8	22.48	85.1	C	1 12 p. m.
22	33.798	20.64	84.9	22.46	85.8	C	2 12 ,,
23	35.307	20.45	84.9	22.38	85.8	C	3 12 ,,
JULY 29TH-Noon.	36.199	20·22	84.8	22.31	85.4	C	4 12 ,,
1	36.267	20.29	84.5	22.55	84.6	B	5 12 ,,
2	36.061	20.30	84.1	22.45	84.1	B	6 12 ,,
3	35.993	20.20	83.5	22.45	83.9	B	7 12 ,,
4	36.542	20.35	83.3	22.45	83.6	B	8 12 ,,
5	35.718	20.75	83.2	22.50	83.4	G	9 12 ,,
6	35.856	20·40	82.9	22.55	83.3	G	10 12 ,,
7	36.267	20·70	82·8	22.60	83.0	G	11 12 ,,
8	37.090	20.79	82·5	22.62	82.8	G	Midnight.
9	36.610	20.90	82.3	22.66	82.8	C	1 12 a. m.
10	36.404	20.65	82.2	22.65	82.6	C	2 12 ,,
11	36.885	21.09	82.1	22.76	82.5	C	3 12 ,,

DAILY OBSERVATIONS, FROM 29TH JULY TO 1ST AUGUST 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
JULY 29TH—12	37·022	21.18	82°0	22.88	82°4	C	4 12 a. m.
13	37.228	21.13	82.0	22.85	82.2	B	5 12 ,,
14	38.600	21.06	82.0	22.88	82.2	B	6 12 ,,
15	39.286	21.20	82.1	22.85	82.1	B	7 12 ,,
16	39.148	21.22	82.6	22.70	82.2	B	8 12 ,,
17	37.845	21.25	82·8	22.52	83.0	G	9 12 ,,
18	36.542	21.10	84.4	22.44	83.3	G	10 12 ,,
19	34.895	21.21	85.1	22·28	84.0	G	11 12 ,,
20	35.581	21.15	85.4	22.30	85.0	G	Noon.
21	36.199	20.74	85.4	22.40	85.5	C	1 12 p. m.
22	36.130	20·87	85.4	22.42	86.0	C	2 12 ,,
23	36.199	20.66	85.6	22·35	86.0	C	3 12 ,,
JULY 31ST-Noon.	35.924	20.85	83.7	22.51	84.0	G	4 12 ,,
1	36.267	20.67	83.0	22.50	83.5	G	5 12 ,,
2	36.542	20.65	82.8	22.50	83.3	G	6 12 ,,
3	36.336	20.66	82.5	22.55	83·2	B	7 12 ,,
4	36.405	20.75	82.5	22.50	83.0	B	8 12 ,,
5	35.856	20.68	82.4	22·50	83.0	G	9 12 ,,
6	36.061	20.90	82.2	22.56	83.0	G	10 12 ,,
7	36.199	20.95	82.1	22.52	82.8	G	11 12 ,,
8	36.199	21·05	82.0	22·50	82.5	G	Midnight.
9	36.610	21.14	81·9	22.49	82.5	C	1 12 a. m.
10	36.679	21.11	81.7	22.49	82.4	C	2 12 ,,
11	36.816	21.09	81.6	22.47	82.3	C	3 12 ,,
12	36·679	21.22	81.5	22.48	82.3	C	4 12 ,,
13	36.954	21.21	81.4	22.50	82.1	B	5 12 ,,
14	37.845	21.31	81.4	22.70	82.0	B	6 12 ,,
15	38.120	21.43	81.5	22.75	82.0	B	7 12 ,,
16	37.571	21.46	82.0	22.65	82.1	B	8 12 ,,
17	36.885	21.55	82.8	22.58	82.5	G	9 12 ,,
18	36.405	21.42	83.7	22.50	83.1	G	10 12 ,,
19	35.718	21·09	84.5	22.48	83.8	G	11 12 ,,
20	35.650	20.95	84.7	22.42	83.8	G	Noon.
21	35.101	21.03	84.9	22.40	84.8	C	1 12 p. m.
22	36.061	20.94	85.0	22.39	85.1	C	2 12 ,,
23	36.336	20·85	84.5	22.39	85.1	C	3 12 ,,
AUG. 1ST-Noon.	36·679	20.77	84.3	22.39	84·8	C	4 12 ,,
1	36.747	20.88	83.6	22.47	84.2	C	5 12 ,,
2	36.473	21·05	82.5	22·47	83.3	C	6 12 ,,
3	36.199	21.19	81·3	22.49	82.3	C	7 12 ,,
4	36.130	21.25	81.4	22.50	82.3	B	8 12 ,,
5	36.336	21.24	81.6	22.50	82.3	B	9 12 ,,
6	36.542	21.28	81.8	22.55	82.4	B	10 12 ,,
7	36.885	21.25	82.0	22.50	82.4	B	11 12 ,,
8	36.473	21.18	82.0	22.50	82.5	G	Midnight.
9	36.747	21.20	82.0	22.68	82.4	G	1 12 a. m.
10	36.885	21.20	81.9	22.62	82.2	G	2 12 ,,
11	36.954	21.21	81.9	22.70	82.2	G	3 12 ,,
12	37.022	21.22	81.9	22.70	82.2	C	4 12 ,,
13	37.159	21.24	81.7	22.78	82.2	C	5 12 ,,
14	38.051	21.38	81.7	22·79	82.2	C	6 12 ,,
15	38.669	21.39	81.9	22.84	82.4	C	7 12 ,,
16	38.669	21.47	82.4	22.88	82.8	B	8 12 ,,
17	38.737	21.65	83.0	22.75	83.0	B	9 12 ,,
18	37.776	21.81	83.4	22.58	83.2	B	10 12 ,,
19	36.610	21.69	84.5	22.60	83.8	B	11 12 ,,
20	35.719	21.72	85.0	22.55	84.5	B	Noon.
21	35.582	21.51	85.0	22.50	84.8	G	1 12 p. m.
22	35.787	21.27	84.9	22.48	84.7	G	2 12 ,,
23	36.288	21.12	84.1	22.50	84.7	G	3 12 ,,

DAILY OBSERVATIONS, FROM 2ND TO 4TH AUGUST 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Aug. 2nd-Noon.	37'708	20.95	84°7	22.50	84°8	G	4 12 p. m.
1	37.983	20.96	84.2	22.55	84.7	C	5 12 ,,
2	37.571	20.96	83.7	22.56	84.4	C	6 12 ,,
3	36.542	20.97	83.2	22.50	84.1	C	7 12 ,,
4	36.062	21.04	83.0	22.48	84.0	C	8 12 ,,
5	36.062	21.06	82.9	22.50	83.5	B	9 12 ,,
6	36.199	21.09	82.8	22.50	83.5	B	10 12 ,,
7	36.542	21.14	82.7	22.45	83.5	B	11 12 ,,
8	36.611	21.16	82.7	22.55	83.3	B	Midnight.
9	36.611	21.12	82.7	22.50	83.0	G	1 12 a. m.
10	36.679	21.15	82.4	22.46	82.9	G	2 12 ,,
11	36.885	21.22	82.2	22.44	82.8	G	3 12 ,,
12	36.954	21.20	82.2	22.44	82.5	G	4 12 ,,
13	37.365	21.25	82.1	22.40	82.5	C	5 12 ,,
14	38.600	21.29	82.0	22.36	82.5	C	6 12 ,,
15	39.423	21.43	81.9	22.48	82.5	C	7 12 ,,
16	39.149	21.62	82.0	22.59	82.8	C	8 12 ,,
17	37.502	21.78	83.2	22.50	83.1	B	9 12 ,,
18	36.130	21.75	84.0	22.48	83.5	B	10 12 ,,
19	35.307	21.71	84.6	22.35	84.2	B	11 12 ,,
20	34.895	21.75	85.5	22.32	84.8	B	Noon.
21	35.513	21.26	85.6	22.46	85.0	G	1 12 p. m.
22	36.062	20.95	85.8	22.50	85.3	G	2 12 ,,
23	36.405	20.39	86.0	22.50	85.8	G	3 12 ,,
Aug. 3rd-Noon.	37.228	20.11	85.8	22.52	86.2	G	4 12 ,,
1	36.885	20.36	85.2	22.50	86.0	C	5 12 ,,
2	35.993	20.39	84.3	22.50	85.3	C	6 12 ,,
3	36.130	20.45	83.8	22.50	85.0	C	7 12 ,,
4	35.924	20.49	83.6	22.50	84.6	C	8 12 ,,
5	36.199	20.70	83.1	22.25	84.0	B	9 12 ,,
6	36.199	20.83	83.1	22.25	83.9	B	10 12 ,,
7	36.542	20.85	83.0	22.26	83.8	B	11 12 ,,
8	36.885	20.95	82.9	22.26	83.6	B	Midnight.
9	37.022	20.90	82.8	22.30	83.4	G	1 12 a. m.
10	37.297	21.02	82.8	22.38	83.2	G	2 12 ,,
11	37.571	21.05	82.7	22.40	83.0	G	3 12 ,,
12	37.571	21.10	82.7	22.40	83.0	G	4 12 ,,
13	36.885	21.18	82.5	22.39	82.9	C	5 12 ,,
14	39.080	21.27	82.4	22.35	82.8	C	6 12 ,,
15	39.560	21.61	82.4	22.38	82.9	C	7 12 ,,
16	39.012	21.78	83.1	22.46	83.2	C	8 12 ,,
17	37.297	22.01	83.5	22.30	83.4	B	9 12 ,,
18	35.718	22.11	84.2	22.22	83.8	B	10 12 ,,
19	34.964	21.91	84.1	22.22	84.0	B	11 12 ,,
20	34.553	21.96	84.5	22.20	84.3	B	Noon.
21	34.758	21.82	85.0	22.20	84.8	G	1 12 p. m.
22	35.993	21.59	85.0	22.28	84.8	G	2 12 ,,
23	37.159	21.51	84.1	22.30	84.2	G	3 12 ,,
Aug. 4th-Noon.	37.502	21.41	84.0	22.42	84.2	G	4 12 ,,
1	37.502	21.12	84.0	22.40	84.2	C	5 12 ,,
2	37.091	20.89	83.6	22.39	84.1	C	6 12 ,,
3	36.288	21.09	83.3	22.38	84.0	C	7 12 ,,
4	36.336	21.17	83.1	22.44	83.9	C	8 12 ,,
5	36.542	21.18	82.7	22.45	83.4	B	9 12 ,,
6	36.336	21.35	82.5	22.40	83.1	B	10 12 ,,
7	36.199	21.50	82.5	22.50	83.0	B	11 12 ,,
8	36.885	21.50	82.4	22.50	82.9	B	Midnight.
9	36.611	21.52	82.2	22.50	82.9	G	1 12 a. m.
10	36.954	21.50	82.1	22.50	82.8	G	2 12 ,,
11	37.297	21.57	82.0	22.42	82.6	G	3 12 ,,

DAILY OBSERVATIONS, FROM 4TH TO 7TH AUGUST 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
AUG. 4TH–12	36·954	21.61	82·0	22.35	82·5	G	4 12 a. m.
13	37.365	21.39	82.0	22.34	82.6	C	5 12 „
14	38.394	21.45	82.0	22.38	82.6	C	6 12 „
15	38·805	21·69	82.1	22.40	82.8	C	7 12 „
16	38.805	21.88	82.3	22.40	82.9	C	8 12 „
17	36.885	22.29	82.6	22.32	82.8	B	9 12 „
18	35.719	22.21	83.5	22.25	83.2	B	10 12 „
19	34.346	22.19	83.0	22.20	82.8	B	11 12 „
20	33.386	22.35	82.5	22.25	82·5	B	Noon.
21	33.455	22.16	83.4	22.30	82·9	G	1 12 p. m.
22	35.033	21.82	83.8	22.46	83·3	G	2 12 „
23	36.288	21.65	84.0	22·50	83.7	G	3 12 „
AUG. 5TH-Noon.	36.679	21.45	83.8	22.42	84.0	G	4 12 „
1	36.336	21.26	83.3	22.33	83.9	C	5 12 „
2	35.856	21.25	83.0	22.25	83.7	C	6 12 „
3	36.288	21.27	82.8	22.29	83.3	C	7 12 „
4	35.513	21.25	82.6	22.39	83.2	C	8 12 „
5	36,199	21.20	82.5	22.40	83·4	B	9 12 „
6	36.748	21.08	82.4	22.40	83.2	B	10 12 „
7	36.748	21·15	82.4	22·40	83.3	B	11 12 „
8	37.159	21·16	82.4	22.35	83.1	B	Midnight.
9	36.954	21.15	82·2	22.50	83.0	G	1 12 a. m.
10	37.091	21.28	82.1	22.50	82.9	G	2 12 „
11	37.159	21.30	82.0	22.46	82.8	G	3 12 „
12	36.748	21.36	82.0	22.46	82.8	G	4 12 „
13	37.297	21.47	82.0	22.47	82.8	C	5 12 „
14	35.650	21.09	81.6	22.48	82.4	C	6 12 „
15	37.777	21.64	81.3	22·48	82.2	C	7 12 „
16	37.434	21.69	81.8	22.42	82.3	C	8 12 „
17	35.582	22.05	82.5	22.38	82.5	B	9 12 „
18	33.935	22.16	83·1	22.28	82.8	B	10 12 „
19	32.495	21.92	83.9	22.30	83.3	B	11 12 „
20	32.700	21.72	84.3	22.35	83.7	B	Noon.
21	33.249	21.50	85.0	22.40	84·2	G	1 12 p. m.
22	34.758	21.41	85.1	22.48	84.9	G	2 12 „
23	35.993	21.19	85·4	22·48	85.0	G	3 12 „
AUG. 7TH-Noon.	36.611	21.49	84.2	22.40	85.1	C	4 12 „
1	36.816	21.25	83.4	22.41	84.4	C	5 12 „
2	36.748	21.10	83.1	22.36	84.2	C	6 12 „
3	36·288	21.09	82.8	22.25	84.0	C	7 12 „
4	35.856	21.33	82.6	22.21	83.9	C	8 12 „
5	35.993	21·29	82.5	22.32	83.4	B	9 12 „
6	36.405	21.25	82.5	22.30	83.3	B	10 12 „
7	36.816	21.27	82.5	22.30	83.2	B	11 12 „
8	36.816	21.45	82.4	22.35	83.0	B	Midnight.
9	36.679	21.50	82.2	22.38	82.9	G	1 12 a. m.
10	36·954	21.50	82.1	22.40	82.8	G	2 12 „
11	37.365	21.50	82.1	22.48	82.7	G	3 12 „
12	37·777	21·49	82.0	22.50	82.7	G	4 12 „
13	37.845	21.53	81.9	22.47	82.7	C	5 12 „
14	39.286	21.71	81.9	22.47	82.6	C	6 12 „
15	39.217	21.77	82.0	22.49	82·8	C	7 12 „
16	38.188	21.97	81.6	22.46	82.7	C	8 12 „
17	36.542	22.20	82.5	22.30	82·7	B	9 12 „
18	34.141	22.01	83.0	22.20	82.9	B	10 12 „
19	32.838	21.89	84.2	22.27	83.5	B	11 12 „
20	32.906	21.76	84.5	22.35	83.9	B	Noon.
21	33.661	21.55	84.5	22.30	84.4	G	1 12 p. m.
22	34.141	21.50	84.8	22.50	84.8	G	2 12 „
23	34·895	21.45	85.0	22.50	85.0	G	3 12 „

DAILY OBSERVATIONS, FROM 8TH TO 10TH AUGUST 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
AUG. 8TH-Noon.	35·856	21.22	84°8	22.55	85°0	G	4 12 p. m.
1	36·062	21.09	83.9	22.52	84.3	C	5 12 ,,
2	36.405	20.95	82.7	22.52	83.7	C	6 12 ,,
3	36.199	20.93	82.5	22.50	83.5	C	7 12 ,,
4	35.513	21.00	82.4	22.50	83.3	C	8 12 ,,
5	36.199	21.10	82.5	22.50	83.0	B	9 12 ,,
6	36.288	21.20	82.5	22.40	83.0	B	10 12 ,,
7	36.336	21.29	82.2	22.40	83.0	B	11 12 ,,
8	36.611	21.35	82.2	22.45	83.0	B	Midnight.
9	36.885	21.44	81.9	22.45	82.6	G	1 12 a. m.
10	37.571	21.54	81.5	22.40	82.2	G	2 12 ,,
11	37.228	21.55	81.5	22.60	81.9	G	3 12 ,,
12	37.914	21.50	81.5	22.38	82.0	G	4 12 ,,
13	37.914	21.95	81.5	21.90	82.0	C	5 12 ,,
14	39.286	21.69	81.5	21.78	82.0	C	6 12 ,,
15	39.766	21.61	81.8	21.79	82.1	C	7 12 ,,
16	39.355	21.95	82.0	21.79	82.3	C	8 12 ,,
17	37.640	21.85	82.0	21.75	82.3	B	9 12 ,,
18	35.307	22.05	82.8	21.65	82.7	B	10 12 ,,
19	34.621	21.96	83.5	21.50	83.2	B	11 12 ,,
20	34.758	21.70	84.0	21.45	83.7	B	Noon.
21	34.141	21.55	84.7	21.40	84.0	G	1 12 p. m.
22	33.935	21.42	84.8	21.40	84.7	G	2 12 ,,
23	34.896	21.21	84.8	21.44	85.0	G	3 12 ,,
AUG. 9TH-Noon.	36.288	21.14	84.7	21.48	85.0	G	4 12 ,,
1	37.091	21.11	84.2	21.50	84.9	C	5 12 ,,
2	36.885	21.14	83.5	21.50	84.4	C	6 12 ,,
3	36.954	21.13	83.1	21.48	84.0	C	7 12 ,,
4	36.679	21.01	82.9	21.50	83.8	C	8 12 ,,
5	36.473	21.05	82.8	21.50	83.6	B	9 12 ,,
6	36.748	21.15	82.3	21.50	83.0	B	10 12 ,,
7	37.159	21.25	82.2	21.60	83.0	B	11 12 ,,
8	36.816	21.45	82.2	21.55	82.6	B	Midnight.
9	36.542	21.24	82.0	21.50	82.6	G	1 12 a. m.
10	37.022	21.25	81.8	21.50	82.4	G	2 12 ,,
11	37.365	21.39	81.7	21.50	82.2	G	3 12 ,,
12	37.297	21.43	81.7	21.55	82.2	G	4 12 ,,
13	37.777	21.35	81.8	21.50	82.2	C	5 12 ,,
14	38.874	21.45	81.5	21.60	82.2	C	6 12 ,,
15	39.835	21.41	81.9	21.64	82.3	C	7 12 ,,
16	39.080	21.61	82.0	21.65	82.4	C	8 12 ,,
17	38.669	21.88	82.0	21.45	82.5	B	9 12 ,,
18	36.954	22.11	82.3	21.45	82.5	B	10 12 ,,
19	35.170	22.19	83.3	21.36	83.1	B	11 12 ,,
20	34.621	21.96	83.9	21.35	83.5	B	Noon. ,,
21	34.553	21.76	84.0	21.40	84.0	G	1 12 p. m.
22	35.376	21.59	84.4	21.48	84.4	G	2 12 ,,
23	36.130	21.54	82.4	21.50	83.0	G	3 12 ,,
AUG. 10TH-Noon.	36.679	21.49	83.0	21.50	83.3	G	4 12 ,,
1	37.159	21.34	82.7	21.46	83.3	C	5 12 ,,
2	36.885	21.39	82.8	21.44	83.4	C	6 12 ,,
3	36.288	21.32	82.6	21.49	83.3	C	7 12 ,,
4	36.199	21.26	82.4	21.50	83.2	C	8 12 ,,
5	36.199	21.24	82.4	21.45	83.0	B	9 12 ,,
6	36.542	21.40	82.4	21.45	83.0	B	10 12 ,,
7	36.611	21.45	82.2	21.50	82.9	B	11 12 ,,
8	36.611	21.41	82.1	21.45	82.5	B	Midnight.
9	37.022	21.35	82.0	21.50	82.4	G	1 12 a. m.
10	36.679	21.49	82.0	21.50	82.4	G	2 12 ,,
11	36.288	21.75	82.1	21.50	82.5	G	3 12 ,,

DAILY OBSERVATIONS, FROM 10TH TO 12TH AUGUST 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer: — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Aug. 10th—12	36·885	21.65	82°0	21.50	82°5	G	4 12 a. m.
13	37·228	21.54	81.8	21.61	82.5	C	5 12 „
14	38.531	21.58	81.8	21.62	82.4	C	6 12 „
15	39.217	21.52	81·9	21.61	82.5	C	7 12 „
16	39.423	21.58	81.4	21.57	82.4	C	8 12 „
17	38.257	21.80	80.7	21.50	81.3	B	9 12 „
18	36.542	21.90	81.1	21.45	81.3	B	10 12 „
19	35.513	22.12	82.0	21.44	81·8	B	11 12 „
20	34.553	22.19	82.6	21.38	82.3	B	Noon.
21	34.896	22.05	83·8	21.40	83.1	G	1 12 p. m.
22	35.444	22.02	84·1	21.42	84.0	G	2 12 „
23	36.199	21.85	84·1	21.48	84.2	G	3 12 „
Aug. 11th-Noon.	36.885	21.76	83.8	21·50	84.0	G	4 12 „
1	37.022	21.58	83.2	21.50	84.0	C	5 12 „
2	36.748	21.55	83.0	21.46	83·9	C	6 12 „
3	36.062	21.47	82.7	21.50	83.3	C	7 12 „
4	35.856	21.45	82.3	21.50	83.2	C	8 12 „
5	36.199	21.52	82.3	21.45	82.9	B	9 12 „
6	36.542	21.51	82.3	21.45	82.9	B	10 12 „
7	36.816	21.55	82.3	21.45	82.9	B	11 12 „
8	36.885	21.53	82.2	21·45	82.9	B	Midnight.
9	37.159	21.64	82.1	21.50	82.8	G	1 12 a. m.
10	37.159	21.60	82.1	21.50	82.8	G	2 12 „
11	37.159	21.60	82.0	21.50	82.7	G	3 12 „
12	37.365	21.64	81.9	21.48	82.5	G	4 12 „
13	37.777	21.66	81.9	21.40	82.5	C	5 12 „
14	38.737	21.75	81.7	21.53	82.3	C	6 12 „
15	39.492	21·79	81.8	21.57	82.4	C	7 12 „
16	38.463	22.05	82.2	21.50	82.6	C	8 12 „
17	36.679	22.24	82.9	21.38	82.8	B	9 12 „
18	35.307	22.41	82.5	21.38	82.7	B	10 12 „
19	35.101	22·56	82.5	21.38	82.6	B	11 12 „
20	34.621	22.61	82.6	21.36	82.8	B	Noon.
21	34.827	22.45	83.0	21·40	83.2	G	1 12 p. m.
22	34.758	22.26	82.9	21·46	83.0	G	2 12 „
23	34.964	21.98	83·5	21.48	83.4	G	3 12 „
Aug. 12th-Noon.	35.239	21·85	83.8	21.48	84.0	G	4 12 „
1	35.993	21.66	83.5	21.50	84.0	C	5 12 „
2	35.993	21.69	82·4	21.50	83·2	C	6 12 „
3	35.719	21.59	82.2	21.50	83.1	C	7 12 „
4	35.856	21.53	82·0	21·54	82.8	C	8 12 „
5	36.816	21·50	82.0	21.45	82·5	B	9 12 „
6	36.748	21.40	82·0	21.50	82.5	B	10 12 „
7	37.434	21.09	81.7	21.60	82·5	B	11 12 „
8	37.297	21·28	81.6	21.62	82.2	B	Midnight.
9	37.297	21.25	81.4	21.60	82.0	G	1 12 a. m.
10	37·159	21.35	81.1	21.60	82.0	G	2 12 „
11	37·914	21·44	80.7	21.60	81.4	G	3 12 „
12	37.365	21·75	80.8	21.65	81.4	G	4 12 „
13	37.983	21·68	80.8	21.64	81.3	C	5 12 „
14	39.080	21.64	80.5	21.67	81.2	C	6 12 „
15	40.041	21.80	80.3	21.69	81.1	C	7 12 „
16	39.560	21.99	80.6	21.69	81.2	C	8 12 „
17	38.394	21.95	81.0	21.50	81.4	B	9 12 „
18	36.199	22.23	80.2	21.50	80.7	B	10 12 „
19	35.170	22·18	80.0	21.60	80.4	B	11 12 „
20	33.867	22.20	79.5	21.60	80.0	B	Noon.
21	33.455	21.80	80.0	21.60	80.0	G	1 12 p. m.
22	34.827	21.66	79.2	21.68	79.6	G	2 12 „
23	35.650	21.69	78.9	21.70	79.4	G	3 12 „

DAILY OBSERVATIONS, FROM 14TH TO 17TH AUGUST 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Aug. 14th-Noon.	37·159	20.40	80°3	21.38	81°2	B	4 12 p. m.
1	38.531	19.73	80.8	21.40	81.2	C	5 12 ,,
2	39.012	19.65	80.8	21.37	81.2	C	6 12 ,,
3	38·874	19.46	80.5	21.35	81.2	C	7 12 ,,
4	38.943	19.45	80.4	21.41	81.2	C	8 12 ,,
5	38.531	19.45	80.3	21.50	81.0	B	9 12 ,,
6	37.571	19.90	80.0	21.40	80.9	B	10 12 ,,
7	37.845	20.25	80.0	21.90	81.0	B	11 12 ,,
8	37.845	20.35	79.5	21.90	80.6	B	Midnight.
9	38.943	20.35	79.8	22.00	80.5	G	1 12 a. m.
10	39.492	20.86	79.8	21.96	80.5	G	2 12 ,,
11	37·640	21.24	79.8	21.82	80·4	G	3 12 ,,
12	38.943	21·00	79.8	21.80	80.1	G	4 12 ,,
13	39.149	20.98	79·8	21.70	80.1	C	5 12 ,,
14	40.864	21.09	79.5	21.76	80.1	C	6 12 ,,
15	41.138	21.15	79.3	21.72	80.1	C	7 12 ,,
16	40·384	21.19	79.9	21.59	80.3	C	8 12 ,,
17	38.326	21.31	80.1	21.30	80·4	B	9 12 ,,
18	36.816	21.31	80.8	21.22	80.8	B	10 12 ,,
19	34.553	21.41	81.5	21.02	81.4	B	11 12 ,,
20	33.318	21·25	82.3	21.00	82.0	B	Noon.
21	35.592	20.85	82.0	21.18	82.0	G	1 12 p. m.
22	34.827	20.81	82.2	21.30	82.3	G	2 12 ,,
23	37.091	20.81	82.0	21·38	82.4	G	3 12 ,,
Aug. 15th-Noon.	37.297	20.90	81.9	21.40	82.2	G	4 12 ,,
1	37.091	20.96	81.8	21·46	82·0	C	5 12 ,,
2	36.405	21.09	80.9	21.30	81.9	C	6 12 ,,
3	36.542	21.04	80.5	21.50	81·7	C	7 12 ,,
4	36.748	21.05	80.5	21.50	81.3	C	8 12 ,,
5	36.816	21.02	80.3	21.50	81.3	B	9 12 ,,
6	37.022	21.10	80.3	21.45	81.0	B	10 12 ,,
7	37.091	21·17	80.3	21.42	81·0	B	11 12 ,,
8	37.297	21.17	80.0	21.40	80.6	B	Midnight.
9	37.708	21.20	79.7	21.43	80.1	G	1 12 a. m.
10	37.708	21.30	79·0	21.50	79.8	G	2 12 ,,
11	37.914	21.35	79.4	21·50	80.0	G	3 12 ,,
12	37.640	21.40	79.7	21·50	80.0	G	4 12 ,,
13	37.845	21.44	79.7	21.50	80.1	C	5 12 ,,
14	38.669	21.45	79.7	21.50	80.1	C	6 12 ,,
15	39.080	21.54	79.8	21.50	80.2	C	7 12 ,,
16	38.394	21.61	80.0	21.44	80.3	C	8 12 ,,
17	36.885	21·80	79.4	21.40	79.7	B	9 12 ,,
18	35.650	21.88	79.1	21.26	79·5	B	10 12 ,,
19	33.935	21.92	79.8	21.20	79·8	B	11 12 ,,
20	33.592	22.00	80.1	21.18	80.0	B	Noon.
21	34.072	21.89	80.6	21.42	80.5	G	1 12 p. m.
22	35.719	21.75	80.5	21.60	80.5	G	2 12 ,,
23	36.885	21.65	80.5	21·55	80.5	G	3 12 ,,
Aug. 17th-Noon.	37.091	21.67	81.3	21.40	82.9	C	4 12 ,,
1	37.365	21.60	80.3	21.38	82.1	C	5 12 ,,
2	36.288	21.65	80.3	21.35	81.7	C	6 12 ,,
3	35.719	21·58	80.1	21.40	81·2	C	7 12 ,,
4	35.993	21.55	79·8	21.42	80.8	C	8 12 ,,
5	36.679	21.45	79.6	21.45	80.5	B	9 12 ,,
6	36.816	21·43	79.5	21.45	80.1	B	10 12 ,,
7	36.954	21.56	79.9	21.55	80.1	B	11 12 ,,
8	37.159	21.55	80.0	21.55	80.3	B	Midnight.
9	37.159	21.55	80.0	21.50	80.3	G	1 12 a. m.
10	37.159	21.52	80.2	21.52	80.1	G	2 12 ,,
11	37.640	21.50	80.3	21.46	80.4	G	3 12 ,,

DAILY OBSERVATIONS, FROM 17TH TO 19TH AUGUST 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Aug. 17th—12	38·188	21.45	80°1	21.30	80°4	G	4 12 a. m.
13	38.531	21.50	80.1	21.28	80.4	C	5 12 ,,
14	39.835	21.47	80.1	21.36	80.4	C	6 12 ,,
15	40.315	21·58	80.1	21.33	80.6	C	7 12 ,,
16	39.423	21.74	80.4	21.15	80.9	C	8 12 ,,
17	37.365	22.09	81.2	20.86	81.0	B	9 12 ,,
18	35·925	22.01	82.0	20.80	81.8	B	10 12 ,,
19	34.553	21.97	82·8	20.60	82.4	B	11 12 ,,
20	33.729	22.00	83.5	20.20	83.1	B	Noon.
21	33.935	21.86	83.5	20.26	83.2	G	1 12 p. m.
22	34.896	21.80	83.8	20.46	83.5	G	2 12 ,,
23	36·679	21.46	84.0	20.70	83·8	G	3 12 ,,
Aug. 18th-Noon.	38.188	21.18	83.8	20.70	83.9	G	4 12 ,,
1	38.188	21.12	83.3	20.56	83.8	C	5 12 ,,
2	37.434	21.19	81.4	20.50	82.5	C	6 12 ,,
3	36.748	21.28	80.5	20.59	81.7	C	7 12 ,,
4	36.473	21.44	80.4	20.77	81.2	C	8 12 ,,
5	36.542	21.45	80.5	20.85	81.2	B	9 12 ,,
6	36·542	21.45	80.5	20.88	81.2	B	10 12 ,,
7	36.816	21.58	80.6	20.95	81.3	B	11 12 ,,
8	36.816	21.65	80.8	20.95	81.3	B	Midnight.
9	36.885	21.60	80.8	21.00	81.1	G	1 12 a. m.
10	37.159	21.40	80.5	21.00	80.9	G	2 12 ,,
11	37.365	21.35	80.5	21.00	80.9	G	3 12 ,,
12	37.434	21.47	80·5	21.00	80.9	G	4 12 ,,
13	37.984	21.52	80.4	21.02	80.9	C	5 12 ,,
14	39.835	21.55	80.2	21.04	80.8	C	6 12 ,,
15	39.903	21.64	80.3	21.06	80.9	C	7 12 ,,
16	39.903	21.78	81.1	21.09	81.3	C	8 12 ,,
17	37.159	21·91	81.9	20.50	81.6	B	9 12 ,,
18	34.141	21.85	82·9	20.35	82.3	B	10 12 ,,
19	33.455	21.80	83.6	20.38	82.9	B	11 12 ,,
20	32.838	21.79	84.0	20.42	83.4	B	Noon.
21	33.249	21.56	84.3	20.48	84.0	G	1 12 p. m.
22	34.347	21.62	84.4	20.50	84.1	G	2 12 ,,
23	36.130	21.42	84.8	20.58	84.7	G	3 12 ,,
Aug. 19th-Noon.	36.679	21.55	84.7	20.60	84.8	G	4 12 ,,
1	36.542	21.76	83.9	20.56	84.8	C	5 12 ,,
2	35.993	21.76	83.2	20.51	84.3	C	6 12 ,,
3	34.896	21.64	82.4	20.52	83.9	C	7 12 ,,
4	35.513	21.31	82.2	20.74	83.3	C	8 12 ,,
5	35.993	21·40	82.2	20.75	82.9	B	9 12 ,,
6	36.288	21.25	82.0	20.70	82.9	B	10 12 ,,
7	36.611	20.95	82.0	20.75	82.7	B	11 12 ,,
8	37.297	20.72	82.0	20.72	82.6	B	Midnight.
9	37.640	20.90	81.8	20.70	82.3	G	1 12 a. m.
10	36.748	21.18	81.5	20.75	82.0	G	2 12 ,,
11	37·022	21.12	81.3	20.80	82.0	G	3 12 ,,
12	37.708	21.10	81.2	20.84	82.0	G	4 12 ,,
13	37.983	21.25	81.0	20.88	81.9	C	5 12 ,,
14	40.452	21.24	80.9	20.99	81.7	C	6 12 ,,
15	41.070	21.21	81.2	21.05	81.8	C	7 12 ,,
16	41.001	21.24	81.9	21·17	82.1	C	8 12 ,,
17	39·286	21.25	82.3	20.50	82.0	B	9 12 ,,
18	36.748	21.43	82.6	20.10	82.4	B	10 12 ,,
19	35.101	21.49	83.6	20.05	83.1	B	11 12 ,,
20	34.141	21.47	84.0	19.95	83.5	B	Noon.
21	34.827	20.95	84.7	20.00	84.0	G	1 12 p. m.
22	35.582	20.65	84.7	20.30	84.0	G	2 12 ,,
23	36.816	21.00	84.5	20.40	84.5	G	3 12 ,,

DAILY OBSERVATIONS, FROM 21ST TO 23RD AUGUST 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizonal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
AUG. 21ST-Noon.	37·091	20.71	85°0	19.70	85°5	B	4 12 p. m.
1	37.434	20.73	83.3	19.75	84.7	B	5 12 „
2	37.640	20.75	83.2	19.84	84.4	C	6 12 „
3	36.954	21.05	82.4	19.84	83.8	C	7 12 „
4	36.679	21.15	82.3	19.89	83.4	C	8 12 „
5	36.885	21.20	82.3	19.95	83.1	B	9 12 „
6	36.679	21.15	82.1	20.05	83.0	B	10 12 „
7	36.679	21.21	82.1	20.10	83.0	B	11 12 „
8	36.885	21.29	82.0	20.10	82.8	B	Midnight.
9	37.159	21.24	82.0	20.12	82.6	G	1 12 a. m.
10	36.954	21.25	81.9	20.20	82.5	G	2 12 „
11	36.885	21.29	81.8	20.20	82.4	G	3 12 „
12	36.679	21.35	81.7	20.20	82.3	G	4 12 „
13	37.159	21.41	81.4	20.10	82.3	C	5 12 „
14	38.737	21.39	81.2	20.17	82·1	C	6 12 „
15	40.178	21.47	81.4	20.32	82.2	C	7 12 „
16	39.423	21.69	81.9	20.18	82.3	C	8 12 „
17	36.199	21.75	83.0	19.85	82.6	B	9 12 „
18	34.141	21.60	83.5	19.78	83.1	B	10 12 „
19	33.249	21.59	84.0	19.78	83.5	B	11 12 „
20	33.542	21.45	84.5	19.80	84.1	B	Noon.
21	35.101	21.15	84.8	19.86	84.5	G	1 12 p. m.
22	36.062	20.71	85.0	19.85	85.0	G	2 12 „
23	36.679	20.44	85.2	19.90	85.4	G	3 12 „
AUG. 22ND-Noon.	37.777	20.75	84.9	19.94	85.7	G	4 12 „
1	37.708	20.67	84.6	20.00	85.7	C	5 12 „
2	37.708	20.56	84.0	19.98	85.5	C	6 12 „
3	37.159	20.67	83.5	19.99	85.2	C	7 12 „
4	36.885	20.74	83.1	19.97	84.9	C	8 12 „
5	36.405	21.02	82.9	19.90	84.5	B	9 12 „
6	36.748	21.00	82.6	20.00	84.3	B	10 12 „
7	36.405	21.10	82.4	20.00	84.0	B	11 12 „
8	36.473	21.05	82.0	20.00	83.5	B	Midnight.
9	35.993	21.20	82.0	20.00	83.1	G	1 12 a. m.
10	36.473	21.42	82.0	20.00	83.0	G	2 12 „
11	36.885	21.26	81.9	20.08	82.9	G	3 12 „
12	36.954	21.31	81.9	20.00	82.8	G	4 12 „
13	37.708	21.28	81.7	20.05	82.7	C	5 12 „
14	38.737	21.32	81.4	20.09	82.5	C	6 12 „
15	39.766	21.29	81.3	20.12	82.3	C	7 12 „
16	39.217	21.48	81.8	20.10	82.5	C	8 12 „
17	37.571	21.40	82.5	19.90	82.5	B	9 12 „
18	36.288	21.35	83.2	19.90	82.9	B	10 12 „
19	35.650	21.10	83.4	19.70	83.2	B	11 12 „
20	34.827	21.25	83.5	19.60	83.5	B	Noon.
21	34.141	21.25	83.9	19.60	84.0	G	1 12 p. m.
22	34.827	21.17	84.3	19.65	84.7	G	2 12 „
23	35.650	21.23	84.6	19.70	85.2	G	3 12 „
AUG. 23RD-Noon.	36.405	21.28	84.7	19.65	85.6	G	4 12 „
1	36.816	21.11	84.7	19.80	85.9	C	5 12 „
2	36.679	21.08	83.9	19.76	85.3	C	6 12 „
3	36.405	21.08	83.3	19.73	84.9	C	7 12 „
4	36.405	21.04	83.0	19.75	84.4	C	8 12 „
5	36.542	20.95	82.7	19.80	83.8	V	9 12 „
6	36.542	21.05	82.5	19.80	83.5	V	10 12 „
7	36.611	21.10	82.4	19.70	83.5	V	11 12 „
8	36.679	21.15	82.2	19.60	83.5	V	Midnight.
9	36.679	21.25	82.1	19.72	83.0	G	1 12 a. m.
10	37.022	21.35	82.0	19.76	82.9	G	2 12 „
11	37.159	21.38	82.0	19.72	82.9	G	3 12 „

DAILY OBSERVATIONS, FROM 23RD TO 25TH AUGUST 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.	′						h. m.
Aug. 23rd—12	37·091	21.43	81°9	19.72	82°8	G	4 12 a. m.
13	37.228	21.43	81.6	19.79	82.6	C	5 12 „
14	38.737	21·52	81·2	19.76	82·5	C	6 12 „
15	39.080	21.60	81.2	19.75	82.3	C	7 12 „
16	39.423	21.60	81.9	19.75	82.5	C	8 12 „
17	37.571	21·80	82.4	19.70	82.5	V	9 12 „
18	36.679	21.82	82.3	19.74	83.0	V	10 12 „
19	35.444	21.92	83·6	19.56	83.4	V	11 12 „
20	34·141	21.90	83.3	19·60	83.7	V	Noon.
21	33.867	21.80	84.4	19.70	84.5	G	1 12 p. m.
22	34.964	21.60	84.5	19.80	84.8	G	2 12 „
23	36.405	21.40	84.6	19.90	85·0	G	3 12 „
Aug. 24th-Noon.	37.365	21.15	84.5	19·80	85.5	V	4 12 „
1	37.434	21.20	84.0	19.75	85.5	C	5 12 „
2	36.885	21.23	83.4	19·70	85.1	C	6 12 „
3	36.199	21.31	83.0	19.75	84.3	C	7 12 „
4	36.199	21·38	82.6	19.77	84.1	C	8 12 „
5	36.199	21.65	82·5	19.80	83.9	V	9 12 „
6	36·473	21.45	82.3	19.80	83.5	V	10 12 „
7	36.542	21.34	82.3	19.80	83.0	V	11 12 „
8	36.748	21.35	82.0	19.80	83.0	V	Midnight.
9	36.679	21.55	82.0	19·80	83.0	G	1 12 a. m.
10	36.679	21.51	81.8	19.82	82.9	G	2 12 „
11	36.405	21.70	81.7	19·82	82.5	G	3 12 „
12	36.885	21.79	81.5	19.75	82.2	G	4 12 „
13	36.288	21.45	81.2	19.79	82.1	C	5 12 „
14	38.120	21.55	81.0	19.85	82.0	C	6 12 „
15	38.120	21.29	81.1	19.87	82.0	C	7 12 „
16	38.188	21.28	81.9	19.87	82.3	C	8 12 „
17	36.542	21.00	82.5	19.20	82.7	V	9 12 „
18	35.513	21.05	83.2	19·00	83.2	V	10 12 „
19	34.690	21.35	83.8	18.90	83.8	V	11 12 „
20	34·072	20.90	84.2	18.80	84.2	V	Noon.
21	34.141	20.95	84.7	18·85	84.5	G	1 12 p. m.
22	35.239	20·39	84.7	18.80	84.9	G	2 12 „
23	35.925	20.35	84.9	18.76	85.4	G	3 12 „
Aug. 25th-Noon.	37.091	20.55	84.8	18.70	85.6	G	4 12 „
1	38.600	20.39	84.8	18·75	85.9	C	5 12 „
2	38.188	20.19	83.8	18.62	85.4	C	6 12 „
3	37.571	20.19	83.1	18.55	84.9	C	7 12 „
4	37.502	20.59	82·8	18.52	84.4	C	8 12 „
5	36.954	21.10	82.6	18·50	83.9	V	9 12 „
6	37.228	20.80	82.5	18.50	84.0	V	10 12 „
7	36.885	21.15	82.3	18.40	83·3	V	11 12 „
8	36.816	21.20	82.2	18.40	83.0	V	Midnight.
9	36.473	21.25	82.1	18.40	83.0	G	1 12 a. m.
10	36.954	21·30	82.0	18.44	82.9	G	2 12 „
11	37.845	21·19	81·9	18.40	82.8	G	3 12 „
12	37.365	21.25	81.8	18.10	82.7	G	4 12 „
13	37.502	21.09	81.6	17·96	82.6	C	5 12 „
14	38·737	21.66	81.6	17.84	82.4	C	6 12 „
15	39.080	21.43	81.4	17.72	82.4	C	7 12 „
16	38.531	21.57	81.3	17·58	82.4	C	8 12 „
17	36·816	21.55	80.9	17.40	81.5	V	9 12 „
18	36.542	21.70	80.5	17·40	81.5	V	10 12 „
19	35.856	21.45	80.8	17.40	81.3	V	11 12 „
20	35.513	21.70	80.4	17.20	81·0	V	Noon.
21	34.827	21.85	80.4	17.20	81·0	G	1 12 p. m.
22	35.787	21.55	80.3	17.40	81·0	G	2 12 „
23	37.022	21.20	79.8	17.29	80.5	G	3 12 „

DAILY OBSERVATIONS, FROM 26TH TO 29TH AUGUST 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Aug. 26th-Noon.	37·502	21.05	79°0	17.10	80°3	G	4 12 p. m.
1	37.708	21.06	79.0	17.08	80.2	C	5 12 ,,
2	37.571	21.06	79.0	17.00	80.1	C	6 12 ,,
3	37·571	21.12	79.0	17.00	80.1	C	7 12 ,,
4	37.022	21.26	79.1	17.00	80.1	C	8 12 ,,
5	37.571	21.33	79.4	17.00	80.0	V	9 12 ,,
6	36.542	21.55	79.6	17.00	80.2	V	10 12 ,,
7	36.542	21.55	79.8	17.00	80.0	V	11 12 ,,
8	36.199	21·65	79.9	17.10	80.5	V	Midnight.
9	35.856	22.01	79.9	17.00	80.4	G	1 12 a. m.
10	36.199	21.79	79.8	17.00	80.0	G	2 12 ,,
11	36.679	21.65	79.8	17.10	80.0	G	3 12 ,,
12	36.611	21.55	79.8	17.10	80.0	G	4 12 ,,
13	37.159	21.59	79.5	17.07	80.0	C	5 12 ,,
14	38.326	21.69	79.2	17.09	80.0	C	6 12 ,,
15	38.669	21.75	79.3	17.12	80.1	C	7 12 ,,
16	38.326	21·90	79.4	17.01	80.3	C	8 12 ,,
17	36.542	22.10	80.0	17.00	80·2	V	9 12 ,,
18	35.650	22.00	80.4	17.00	80·6	V	10 12 ,,
19	34.827	22.00	80.5	17.00	80·8	V	11 12 ,,
20	34.484	21.50	80.8	17.00	81.3	V	Noon.
21	34.553	21.45	81.0	17.00	81.5	G	1 12 p. m.
22	35.856	21.33	80.8	17.14	81.2	G	2 12 ,,
23	37·571	20.74	80.0	17.22	80.7	G	3 12 ,,
Aug. 27th-Noon.	38.669	20.70	79.3	17.20	80.2	G	4 12 ,,
1	38.669	20.99	78.4	17.19	79.9	C	5 12 ,,
2	38.120	21.20	78.2	17.19	79.3	C	6 12 ,,
3	36.473	21.58	78·3	17.19	79.3	C	7 12 ,,
4	36.542	21.33	78.5	17.23	79.5	C	8 12 ,,
5	36.199	21.95	78.8	17.30	79.8	V	9 12 ,,
6	36.228	21.60	79.0	17.30	79.8	V	10 12 ,,
7	36.199	21.85	79.1	17.35	79.9	V	11 12 ,,
8	36.228	21.75	79.3	17.40	79.9	V	Midnight.
9	36.336	21.70	79·2	17.40	79.9	G	1 12 a. m.
10	36.288	21.84	79.2	17.40	79.8	G	2 12 ,,
11	36·611	21.73	79.2	17·40	79.8	G	3 12 ,,
12	37.228	21.65	79.2	17.42	79.7	G	4 12 ,,
13	37.502	21.56	79.2	17.40	79.6	C	5 12 ,,
14	39.012	21.59	79.2	17.41	79.5	C	6 12 ,,
15	39.629	21.61	79.3	17.41	79.8	C	7 12 ,,
16	38.394	21.72	79.7	17.41	80.1	C	8 12 ,,
17	36.748	21.90	80.5	17.30	80.2	V	9 12 ,,
18	34.690	21.90	81.0	17.30	80.8	V	10 12 ,,
19	33·249	21.85	82.0	17.20	81.5	V	11 12 ,,
20	33.181	21.80	82.5	17.30	82.0	V	Noon.
21	34.347	21.60	82.8	17.35	82.7	G	1 12 p. m.
22	35.101	21.50	83.0	17.40	83.0	G	2 12 ,,
23	36.816	21.30	83.2	17·40	83.2	G	3 12 ,,
Aug. 29th-Noon.	37.434	21.45	80.8	17.46	81.6	C	4 12 ,,
1	37.091	21.54	80.4	17.48	81.4	C	5 12 ,,
2	36.405	21.58	80.3	17.49	81·2	C	6 12 ,,
3	36.130	21.39	80.3	17.50	81.2	C	7 12 ,,
4	35.925	21.35	80.3	17.50	81.1	C	8 12 ,,
5	36.199	21.50	80.4	17.50	81.1	V	9 12 ,,
6	36.130	21.65	80.3	17.50	81.0	V	10 12 ,,
7	36.336	21.65	80.3	17.50	81.0	V	11 12 ,,
8	36.542	21.65	80.1	17.50	81.0	V	Midnight.
9	36.542	21.65	80.0	17.54	80.8	G	1 12 a. m.
10	36.748	21.75	79.4	17.54	80°5	G	2 12 ,,
11	36.885	21.72	79.2	17.50	80.0	G	3 12 ,,

DAILY OBSERVATIONS, FROM 29TH TO 31ST AUGUST 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
AUG. 29TH—12	36·954	21.76	79°2	17.50	80°0	G	4 12 a. m.
13	37.022	21.76	79.2	17.50	80.0	C	5 12 „
14	38.806	21.85	79·1	17.50	80·0	C	6 12 „
15	39.423	21.95	79.1	17.50	80·0	C	7 12 „
16	39.560	22.19	79.2	17.50	80.0	C	8 12 „
17	36.199	22.40	79.5	17.40	80.0	V	9 12 „
18	34.827	22.60	80.0	17.41	80.3	V	10 12 „
19	33·592	22.60	81.0	17.43	81.0	V	11 12 „
20	33.798	22.25	80.5	17.42	80·5	V	Noon.
21	34.827	22.00	79.2	17.47	79.7	G	1 12 p. m.
22	36.542	21.90	78.8	17.49	79.5	G	2 12 „
23	37.640	21.75	78.8	17·50	79.2	G	3 12 „
AUG. 30TH-Noon.	37.914	21.95	78.1	17.40	79.0	G	4 12 „
1	38.600	21.75	77.9	17.48	79.0	C	5 12 „
2	37.640	21.65	78.0	17.49	79.0	C	6 12 „
3	36.816	21.57	78.2	17.50	79.1	C	7 12 „
4	36.473	21.62	78.9	17.50	79.5	C	8 12 „
5	36.199	21.70	79.2	17.50	79.5	V	9 12 „
6	36.130	21.70	78.9	17.50	79.5	V	10 12 „
7	36.199	21.70	78.9	17.50	79.2	V	11 12 „
8	36.405	21.60	78.8	17.50	79.5	V	Midnight.
9	36.336	21.95	78.9	17.54	79·3	G	1 12 a. m.
10	37.159	21.35	78.9	17.50	79.3	G	2 12 „
11	37.297	21.55	78.9	17.50	79.3	G	3 12 „
12	36.679	21.72	78.9	17.52	79.3	G	4 12 „
13	37.091	21.69	79.0	17.57	79.6	C	5 12 „
14	38.737	21.75	79.0	17.59	79.6	C	6 12 „
15	39.012	21.88	79.3	17.60	80.1	C	7 12 „
16	38.051	21.91	79.8	17.60	80.3	C	8 12 „
17	35.513	22.40	80.3	17.50	80.5	V	9 12 „
18	34.278	21.95	80.8	17.50	80.8	V	10 12 „
19	32.769	21.40	81.7	17.50	81.2	V	11 12 „
20	31.877	21.70	82.2	17.55	81.9	V	Noon.
21	32.838	21.00	82.4	17.62	82.4	G	1 12 p. m.
22	34.621	20.15	82.6	17.64	82.7	G	2 12 „
23	36.199	20.00	82.7	17.70	83.0	G	3 12 „
AUG. 31ST-Noon.	35.582	20.09	82.8	17.62	83.4	G	4 12 „
1	36.062	20.69	82.3	17.54	82.8	C	5 12 „
2	36.885	20.70	82.0	17.60	82.7	C	6 12 „
3	37.297	20.08	81.6	17.60	82.6	C	7 12 „
4	37.091	19.92	81.3	17.58	82.4	C	8 12 „
5	37.022	20.25	81.1	17.60	82.0	V	9 12 „
6	36.228	20.50	81.0	17.60	82.0	V	10 12 „
7	36.473	20.70	80.9	17.60	82.0	V	11 12 „
8	36.611	20.90	80.8	17.70	82.0	V	Midnight.
9	36.611	20.94	80.7	17.72	81.8	G	1 12 a. m.
10	37.091	20.67	80.6	17.70	81.7	G	2 12 „
11	36.611	21.05	80.5	17.64	81.4	G	3 12 „
12	37.159	21.05	80.3	17.60	81.0	G	4 12 „
13	37.571	21.11	80.1	17.57	81.0	C	5 12 „
14	39.766	21.16	79.8	17.55	80.9	C	6 12 „
15	40.521	21.08	80.0	17.53	81·0	C	7 12 „
16	39.698	21.29	80.3	17.53	81.1	C	8 12 „
17	37.571	21.55	80.2	17.40	80.5	V	9 12 „
18	35.513	21·55	80.9	17.40	80.9	V	10 12 „
19	33.798	21.40	81.6	17.45	81.2	V	11 12 „
20	32.769	21.05	82.5	17.50	82.0	V	Noon.
21	33.455	20.65	82.7	17.50	82.5	G	1 12 p. m.
22	35.101	20.61	81.6	17.55	82.1	G	2 12 „
23	36.288	20.75	82.2	17.44	82.5	G	3 12 „

DAILY OBSERVATIONS, FROM 1ST TO 4TH SEPTEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
SEPT. 1ST-Noon.	37·228	20.64	82°7	17.50	83°2	G	4 12 p. m.
1	39.286	20.39	82.6	17.50	83.5	G	5 12 ,,
2	37.914	20.35	82.1	17.50	83.3	G	6 12 ,,
3	36.816	20.65	81.2	17.50	82.4	G	7 12 ,,
4	37.022	20.90	80.5	17.50	81.7	G	8 12 ,,
5	36.288	21.09	80.2	17.50	81.7	C	9 12 ,,
6	36.542	20.90	80.1	17.48	81.5	C	10 12 ,,
7	36.885	21.10	80.0	17.45	81.2	C	11 12 ,,
8	36.542	21.34	80.0	17.45	81.0	C	Midnight.
9	36.748	21.30	80.0	17·50	81·0	V	1 12 a. m.
10	36·679	21.30	80.0	17.50	81.0	V	2 12 ,,
11	36.954	21.35	79·8	17.70	80.9	V	3 12 ,,
12	37·023	21.40	80.0	17.70	81.0	V	4 12 ,,
13	37.571	21.45	79.8	17.72	80.8	G	5 12 ,,
14	38.806	21.45	79.8	17.78	80.5	G	6 12 ,,
15	39.766	21.15	97.9	17.80	80.3	G	7 12 ,,
16	39.972	21.05	80.0	17.72	80.1	G	8 12 ,,
17	37.708	21.08	79.9	17.70	80.1	C	9 12 ,,
18	35.513	21.22	79·6	17.61	80.1	C	10 12 ,,
19	33.249	21.47	80.0	17.54	80.3	C	11 12 ,,
20	33.112	21.71	80.1	17.50	80.5	C	Noon.
21	33.936	21.50	80.5	17.70	80.5	V	1 12 p. m.
22	34.827	21.45	80.3	17.70	81.0	V	2 12 ,,
23	35.993	21.30	80.0	17.70	80.0	V	3 12 ,,
SEPT. 2ND-Noon.	37.295	21.30	79.8	17·80	80.0	V	4 12 ,,
1	35.513	21.24	79.8	17.70	80.0	G	5 12 ,,
2	36.542	21.35	79.7	17.70	80.0	G	6 12 ,,
3	36.816	21.22	79.7	17.70	80.0	G	7 12 ,,
4	36.885	21.55	79.0	17·72	79.5	G	8 12 ,,
5	36.611	21.47	79.0	17.74	79.5	C	9 12 ,,
6	36.611	21.55	78.6	17.68	79.4	C	10 12 ,,
7	36.130	21.69	78.7	17.67	79.4	C	11 12 ,,
8	36.062	21.69	78.5	17.67	79.3	C	Midnight.
9	35.993	21.80	78.6	17.70	79.0	V	1 12 a. m.
10	36.336	21.70	79.0	17.70	79.2	V	2 12 ,,
11	36.885	21.65	79.1	17.70	79.3	V	3 12 ,,
12	37.091	21.70	79.1	17.70	79.5	V	4 12 ,,
13	37.365	21.71	79.1	17.78	79.8	G	5 12 ,,
14	38.948	21.71	79.1	17.80	79.8	G	6 12 ,,
15	40.452	21·70	79.2	17.84	79.8	G	7 12 ,,
16	40.178	21.63	80.2	17.80	80.0	G	8 12 ,,
17	38.669	21.69	81.2	17.57	81.0	C	9 12 ,,
18	36.542	21.76	81.0	17.50	80.8	C	10 12 ,,
19	34.690	21.94	81.7	17.47	81.7	C	11 12 ,,
20	34.004	21·89	82.2	17.47	82.2	C	Noon.
21	34.484	21.80	82.5	17.60	82.2	V	1 12 p. m.
22	36.199	21.75	82.7	17.70	82.5	V	2 12 ,,
23	37.228	21.50	82.8	17.70	82.8	V	3 12 ,,
SEPT. 4TH-Noon.	36.885	21·11	84.4	17.80	85.0	G	4 12 ,,
1	37.228	21.04	84.0	17.72	85.1	G	5 12 ,,
2	36.679	20.94	83·6	17.72	84.8	G	6 12 ,,
3	36.288	20.85	83.2	17.80	84.1	G	7 12 ,,
4	37.022	20.70	82.8	17.74	83.7	G	8 12 ,,
5	36.679	20.79	82.3	17.70	83.3	C	9 12 ,,
6	36.611	20·82	82.1	17.74	83.2	C	10 12 ,,
7	36.405	21·10	81·9	17.75	83.0	C	11 12 ,,
8	36.679	21.29	81·7	17.87	82.8	C	Midnight.
9	36.885	21.30	81.8	17.87	82.5	V	1 12 a. m.
10	37.297	21.30	81.8	17.80	82.5	V	2 12 ,,
11	37.434	21.25	81.6	17.85	82.7	V	3 12 ,,

DAILY OBSERVATIONS, FROM 4TH TO 6TH SEPTEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
SEPT. 4TH—12	37·845	21.30	81°5	17.85	82°5	V	4 12 a. m.
13	37.845	21.45	81.4	17.88	82.3	G	5 12 „
14	39.012	21.45	81.0	17.90	82.0	G	6 12 „
15	39.629	21.35	81.4	17.86	81.8	G	7 12 „
16	38.120	21.55	81.8	17.78	82.0	G	8 12 „
17	35.719	21.75	82.8	17.86	82.5	C	9 12 „
18	34.278	21.75	83.1	17.70	82.7	C	10 12 „
19	33.798	21.75	83.8	17·70	83.4	C	11 12 „
20	34.004	21.62	84.4	17.64	84.1	C	Noon.
21	34.891	21.40	84.8	17.80	84.2	V	1 12 p. m.
22	35.787	21·40	85.0	17.80	85.0	V	2 12 „
23	36.473	21.35	85.1	17·80	85.5	V	3 12 „
SEPT. 5TH—Noon.	37.022	21.25	85.0	17.80	86·0	V	4 12 „
1	37.228	21.31	84.8	17.72	85.8	G	5 12 „
2	36.885	21.25	84.0	17.75	85.1	G	6 12 „
3	36.473	21.20	83.5	17.70	84.6	G	7 12 „
4	36.473	21.15	83.0	17.70	84.1	G	8 12 „
5	36.611	21.19	83.0	17·68	84.1	C	9 12 „
6	36.748	21.19	82.9	17.64	84.0	C	10 12 „
7	36.954	21.17	82.7	17.70	83.8	C	11 12 „
8	37.091	21.18	82.5	17.72	83.5	C	Midnight.
9	37.502	21.25	82·2	17.70	83.0	V	1 12 a. m.
10	37.297	21.55	81.9	17.75	82.8	V	2 12 „
11	37.571	21.45	81.9	17.80	82.5	V	3 12 „
12	38.120	21.40	81.6	17.80	82.3	V	4 12 „
13	38.257	21.49	81.7	17.72	82.5	G	5 12 „
14	39.149	21.45	81.7	17.70	82.4	G	6 12 „
15	39.629	21.40	81.7	17.70	82.1	G	7 12 „
16	39.217	21.68	82.2	17.66	82.4	G	8 12 „
17	37.845	21.84	83.0	17.60	83.0	C	9 12 „
18	36.542	22.18	83.6	17.60	83.5	C	10 12 „
19	35.444	22.21	84.0	17.53	84.0	C	11 12 „
20	33.661	22.17	84.3	17.50	84.3	C	Noon.
21	34.004	21.95	84.5	17.70	84.5	V	1 12 p. m.
22	35.033	21.50	84.7	17.70	84.9	V	2 12 „
23	37.091	21.00	84.7	17.70	85.0	V	3 12 „
SEPT. 6TH—Noon.	38.326	21.10	84.2	17.70	84·9	V	4 12 „
1	38.669	21.15	83.9	17.65	84.9	G	5 12 „
2	37.914	20·85	83.3	17·60	84.2	G	6 12 „
3	37.983	20.90	83·0	17.60	84.0	G	7 12 „
4	37.159	20.87	82.8	17.60	83.5	G	8 12 „
5	37.297	20.90	82,5	17.62	83.4	C	9 12 „
6	37.365	21.11	82.3	17.63	83.3	C	10 12 „
7	37.091	21.48	82,2	17.65	83.2	C	11 12 „
8	37.365	21.26	82.1	17.61	83.1	C	Midnight.
9	37.365	21.30	82.0	17.70	82.8	V	1 12 a. m.
10	37.571	21.20	81.8	17.70	82.5	V	2 12 „
11	37.434	21.25	81.6	17.70	82.3	V	3 12 „
12	37.914	21.45	81.2	17.70	82.0	V	4 12 „
13	38.257	21.40	81.0	17.72	82.0	G	5 12 „
14	39.286	21.44	80.8	17.70	82.0	G	6 12 „
15	39.012	21.43	81.0	17.68	81.8	G	7 12 „
16	38.257	21.45	81.2	17.64	81.7	G	8 12 „
17	36.473	21.79	81.3	17.50	82.0	C	9 12 „
18	34.964	21.89	81.6	17.47	82.1	C	10 12 „
19	33.445	22.06	81.9	17.45	82.2	C	11 12 „
20	32.769	22.07	81.8	17.45	82.2	C	Noon.
21	33.386	22.00	81.9	17.60	81.8	V	1 12 p. m.
22	34.415	21.90	81.5	17.65	81.5	V	2 12 „
23	35.856	21.70	81.5	17.70	82.0	V	3 12 „

DAILY OBSERVATIONS, FROM 7TH TO 9TH SEPTEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Sept. 7th-Noon.	37·571	21.70	81°9	17.70	82°3	V	4 12 p. m.
1	37.983	21.62	82.0	17.70	82.8	G	5 12 ,,
2	37.159	21.47	81.8	17.66	82.6	G	6 12 ,,
3	36.885	21.22	81.5	17.60	82.5	G	7 12 ,,
4	36.885	21.20	81.2	17.58	82.3	G	8 12 ,,
5	36.679	21.29	81.1	17.80	82.2	C	9 12 ,,
6	36.954	21.25	81.0	17.76	82.1	C	10 12 ,,
7	37.434	21.44	81.0	17.72	82.1	C	11 12 ,,
8	37.502	21.55	81.0	17.71	82.0	C	Midnight.
9	37.777	21.50	80.9	17.80	82.0	V	1 12 a. m.
10	37.845	21.50	80.8	17.80	81.5	V	2 12 ,,
11	37.845	21.55	80.6	17.80	81.5	V	3 12 ,,
12	37.640	21.80	80.5	17·80	81·2	V	4 12 ,,
13	37.777	21.65	80.5	17.80	81.4	G	5 12 ,,
14	39.012	21.65	80.5	17.80	81.4	G	6 12 ,,
15	40.315	21.35	80.8	17.82	81.3	G	7 12 ,,
16	39.492	21.34	81.3	17.82	81.5	G	8 12 ,,
17	38.188	21.65	82.2	17.70	82.0	C	9 12 ,,
18	36.679	21.49	83.0	17.66	82.8	C	10 12 ,,
19	35.239	21.43	83.8	17.61	83.6	C	11 12 ,,
20	34.247	21.29	84.1	17.65	83.9	C	Noon.
21	33.935	21.39	84.5	17.70	84.2	V	1 12 p. m.
22	34.896	21.35	84.9	17.70	85.0	V	2 12 ,,
23	36.199	21.32	84.8	17.75	85.2	V	3 12 ,,
Sept. 8th-Noon.	37.022	21.32	83.9	17.80	84.8	V	4 12 ,,
1	36.611	21·35	83.9	17.70	84.9	G	5 12 ,,
2	37.228	21.18	83.2	17.70	84.5	G	6 12 ,,
3	36.885	21.05	82.9	17.70	84.0	G	7 12 ,,
4	36.885	21.15	82.5	17.72	83.6	G	8 12 ,,
5	37.159	20.95	82.2	17.70	83.3	C	9 12 ,,
6	36.954	21.08	82.1	17.75	83.2	C	10 12 ,,
7	37.297	21.15	82.1	17.86	83.1	C	11 12 ,,
8	37.434	21.25	82.0	17.89	83.1	C	Midnight.
9	37·502	21·27	81.8	17.80	82.8	V	1 12 a. m.
10	37.365	21.65	81.6	17.75	82.5	V	2 12 ,,
11	37.845	21.50	81.5	17.60	82.3	V	3 12 ,,
12	37.502	21.55	81.4	17.50	82.0	V	4 12 ,,
13	37.708	21.60	81.4	17.46	81.9	G	5 12 ,,
14	38.669	21.50	81.3	17.40	82.0	G	6 12 ,,
15	39.149	21.59	81.6	17.30	82.2	G	7 12 ,,
16	38.806	21.64	82.5	17.24	82.5	G	8 12 ,,
17	37.365	21.73	83.4	17.20	83.3	C	9 12 ,,
18	35.376	21.71	84.1	17.12	84.0	C	10 12 ,,
19	34.484	21.65	84.9	17.08	84.5	C	11 12 ,,
20	33.798	21.63	85.1	17.03	85.1	C	Noon.
21	34.484	21.55	85.3	16.90	85.2	V	1 12 p. m.
22	35.444	21.45	85.5	16.80	85.8	V	2 12 ,,
23	36.954	21.35	85.4	16·80	85.9	V	3 12 ,,
Sept. 9th-Noon.	37.640	21.30	85.2	16.90	86.0	V	4 12 ,,
1	37.640	21.23	84.9	16.86	86.1	G	5 12 ,,
2	37.091	21.25	84.0	16.94	85.6	G	6 12 ,,
3	36.816	21.20	83.7	17.00	85.1	G	7 12 ,,
4	36.885	21.30	83.4	17.00	84.5	G	8 12 ,,
5	37.159	21.24	83.1	17.00	84.4	C	9 12 ,,
6	37.159	21.21	83.0	17.00	84.2	C	10 12 ,,
7	37.365	21.39	82.8	17.00	84.1	C	11 12 ,,
8	37.571	21·33	82.6	17.00	84.0	C	Midnight.
9	37.708	21·35	82.4	16.95	83.7	V	1 12 a. m.
10	37.640	21.40	82.3	16.95	83.3	V	2 12 ,,
11	37.365	21.50	82.2	16.95	83.0	V	3 12 ,,

DAILY OBSERVATIONS, FROM 9TH TO 12TH SEPTEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
SEPT. 9TH-12	37·640	21.50	81·7	17.00	82·8	V	4 12 a. m.
13	37.914	21.59	81.8	17.00	82.7	G	5 12 ,,
14	38.600	21.61	81.8	17.00	82.5	G	6 12 ,,
15	39.698	21.49	82.0	17.00	82.5	G	7 12 ,,
16	40.246	21.70	82.3	17.06	82.7	G	8 12 ,,
17	38.806	21.83	82.4	17.04	82.8	C	9 12 ,,
18	36.885	21.99	83.5	17.00	83.4	C	10 12 ,,
19	34.415	22.15	84.2	16.97	84.0	C	11 12 ,,
20	33.043	22.13	84.7	16.94	84·7	C	Noon.
21	33.798	21.90	85.0	17.00	85·0	V	1 12 p. m.
22	35.239	21.65	85.2	17.00	85·3	V	2 12 ,,
23	36.816	21.45	85.3	17·00	85.8	V	3 12 ,,
SEPT. 11TH-NOON.	37.571	21.40	85.8	17.80	86.8	V	4 12 ,,
1	37.297	21.40	85.0	17.80	86.2	V	5 12 ,,
2	36.679	21.45	84.2	17.94	85·8	G	6 12 ,,
3	36.542	21.45	84.0	18.00	85.1	G	7 12 ,,
4	36.816	21.41	83.6	18·00	84.8	G	8 12 ,,
5	36.748	21.42	83.2	18.00	84·5	C	9 12 ,,
6	37.228	21.40	82.9	17.96	84.2	C	10 12 ,,
7	37.022	21·46	82.6	17.96	84.0	C	11 12 ,,
8	37.502	21·43	82.5	18.10	84.0	C	Midnight.
9	37.434	21.50	82·3	18.10	83.0	V	1 12 a. m.
10	37.777	21.45	82.1	18.30	83.0	V	2 12 ,,
11	37.434	21.55	82.0	18.40	82.8	V	3 12 ,,
12	37.983	21.60	81.9	18.50	82.7	V	4 12 ,,
13	37.777	21.59	81.8	18.56	82.6	G	5 12 ,,
14	38.737	21.65	81.8	18.56	82.6	G	6 12 ,,
15	39.560	21.65	82.0	18.60	82.7	G	7 12 ,,
16	39.286	21.82	82.6	18.52	83.0	G	8 12 ,,
17	37.434	21.93	83.0	18.41	83.4	C	9 12 ,,
18	36.130	22.09	83·7	18.34	83.8	C	10 12 ,,
19	34.278	22.12	84.4	18.27	84.4	C	11 12 ,,
20	33.386	22.14	85.0	18.24	85.0	C	Noon.
21	34.141	21.80	84.0	18.30	84.2	V	1 12 p. m.
22	35.444	21.50	84.3	18·40	84.3	V	2 12 ,,
23	37.228	20.90	83·8	18·40	84.2	V	3 12 ,,
SEPT. 12TH-NOON	38.257	20.90	83.5	18.40	84.0	V	4 12 ,,
1	37.914	20.97	83.5	18.40	84.4	G	5 12 ,,
2	36.748	21.15	83.0	18.36	83.8	G	6 12 ,,
3	36·885	21.05	83.0	18.30	83.5	G	7 12 ,,
4	36.954	21.15	82.8	18.25	83.4	C	8 12 ,,
5	37.091	21·23	82.2	18.25	83.3	C	9 12 ,,
6	37.365	21.23	82.1	18.21	83.2	C	10 12 ,,
7	37.434	21.35	82.0	18.24	83.1	C	11 12 ,,
8	37.502	21.35	81.9	18.26	83.0	C	Midnight.
9	37.571	21.45	80.8	18.30	82.5	V	1 12 a. m.
10	37·914	21.55	80.9	18.30	82.0	V	2 12 ,,
11	37.914	21.55	80.9	18.35	81.8	V	3 12 ,,
12	37·914	21.55	80.8	18.40	81·5	V	4 12 ,,
13	38.257	21.55	80.8	18.48	81.7	G	5 12 ,,
14	39.012	21.55	80.7	18.65	81.6	G	6 12 ,,
15	39.560	21.64	81.0	18.60	81.6	G	7 12 ,,
16	39.012	21.70	81.9	18.54	82.0	G	8 12 ,,
17	39.355	21.85	82.7	18.50	83·0	C	9 12 ,,
18	36.199	21.95	83.4	18.36	83.3	C	10 12 ,,
19	35.307	21.85	84.1	18.25	83.8	C	11 12 ,,
20	34.278	21.86	83.1	18.23	83.1	C	Noon.
21	34.484	21.75	83.6	18.40	83.0	V	1 12 p. m.
22	35.856	21.65	84.3	18.40	83.8	V	2 12 ,,
23	37·228	21.55	84.2	18.40	84.3	V	3 12 ,,

DAILY OBSERVATIONS, FROM 13TH TO 15TH SEPTEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Sept. 13th-Noon.	37·640	21.45	84°0	18.40	84°5	V	4 12 p. m.
1	36.954	21.54	83.2	18.45	84.0	G	5 12 ,,
2	36.336	21.65	82.8	18.50	83.6	G	6 12 ,,
3	36.816	21.75	82.1	18.46	83.0	G	7 12 ,,
4	36.542	21.79	82.0	18.41	82.8	G	8 12 ,,
5	36.816	21.64	81.7	18.33	82.6	C	9 12 ,,
6	36.679	21.70	81.3	18.34	82.3	C	10 12 ,,
7	36.885	21.69	81.2	18.39	82.2	C	11 12 ,,
8	36.885	21.68	80.8	18.39	82.0	C	Midnight.
9	37.571	21.75	80.9	18.40	82.0	V	1 12 a. m.
10	37.571	21.80	81.0	18.40	81.8	V	2 12 ,,
11	37.571	21.70	81.1	18.40	81.8	V	3 12 ,,
12	37.434	21.85	81.0	18.40	81.2	V	4 12 ,,
13	37.708	21.85	81.0	18.48	81.0	G	5 12 ,,
14	38.943	21.88	80.9	18.50	81.0	G	6 12 ,,
15	39.972	21.85	80.9	18.44	81.0	G	7 12 ,,
16	39.629	22.00	81.0	18.40	81.2	G	8 12 ,,
17	37.502	22.19	81.8	18.36	81.8	C	9 12 ,,
18	35.787	22.19	82.7	18.28	82.4	C	10 12 ,,
19	34.347	22.20	83.2	18.27	82.8	C	11 12 ,,
20	33.367	22.12	82.9	18.25	83.0	C	Noon.
21	34.699	22.05	82.0	18.40	82.0	V	1 12 p. m.
22	36.199	21.90	81.9	18.48	82.1	V	2 12 ,,
23	37.983	21.80	82.1	18.52	82.3	V	3 12 ,,
Sept. 14th-Noon.	38.669	21.60	82.5	18.50	82.8	V	4 12 ,,
1	37.708	21.55	82.5	18.50	83.0	G	5 12 ,,
2	36.679	21.65	82.0	18.50	82.7	G	6 12 ,,
3	36.748	21.55	81.7	18.42	82.5	G	7 12 ,,
4	37.022	21.65	81.5	18.50	82.3	G	8 12 ,,
5	37.022	21.72	81·2	18.49	82.1	C	9 12 ,,
6	37.297	21.67	81.2	18.48	82.1	C	10 12 ,,
7	37·571	21.63	81.0	18.54	82.0	C	11 12 ,,
8	37.365	21.89	80.8	18.55	82.0	C	Midnight.
9	37.571	21.90	80·7	18.55	81.7	V	1 12 a. m.
10	37.571	21.95	80.6	18.55	81.4	V	2 12 ,,
11	37.571	21.95	80.8	18.50	81.2	V	3 12 ,,
12	37.777	21.90	81.0	18.55	81.1	V	4 12 ,,
13	38.051	21.91	81.0	18·60	81.0	G	5 12 ,,
14	38.943	21.85	80.7	18.58	81.0	G	6 12 ,,
15	40·589	21.70	81.0	18.50	81.0	G	7 12 ,,
16	39.012	21.95	81.8	18.50	81.4	G	8 12 ,,
17	35.993	22.38	82.3	18.45	81.8	C	9 12 ,,
18	33.935	22.31	83.0	18.37	82.6	C	10 12 ,,
19	32.975	22.25	83.8	18.40	82.9	C	11 12 ,,
20	32.973	22.21	84.3	18.42	83.8	C	Noon. ,,
21	33.798	21.95	84.9	18.50	84·1	V	1 12 p. m.
22	35.170	21·70	85.1	18.56	84.6	V	2 12 ,,
23	37.228	21.50	85.0	18.45	85.0	V	3 12 ,,
Sept. 15th-Noon.	37.640	21.30	85.0	18.61	85.3	V	4 12 ,,
1	37.502	21.25	84.4	18.65	85.0	G	5 12 ,,
2	36.679	21.35	83·5	18.51	84.2	G	6 12 ,,
3	36.611	21.25	83·0	18.41	83.7	G	7 12 ,,
4	36.611	21.45	82.5	18.40	83.3	G	8 12 ,,
5	36.748	21.44	82.3	18.33	83.2	C	9 12 ,,
6	37.091	21.53	82.1	18.36	83.0	C	10 12 ,,
7	36.885	21.55	82.1	18.34	83.0	C	11 12 ,,
8	37.159	21.53	82.0	18.34	82.9	C	Midnight.
9	37.091	21.55	82.0	18.33	82.7	V	1 12 a. m.
10	37.159	21.65	82.0	18.38	82·5	V	2 12 ,,
11	37.365	21.70	81.6	18.37	82.2	V	3 12 ,,

DAILY OBSERVATIONS, FROM 15TH TO 17TH SEPTEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Sept. 15th—12	37·228	21.75	81·5	18.36	82·0	V	4 12 a. m.
13	37.502	21.75	81.4	18.36	82.0	G	5 12 „
14	39.149	21·70	81·6	18.35	81·6	G	6 12 „
15	39.355	21.70	81.6	18.34	81.4	G	7 12 „
16	38.394	22.00	81.6	18.26	81.4	G	8 12 „
17	37.159	22·13	82.6	18.17	82.0	C	9 12 „
18	35.307	22.19	83.1	18.16	82.8	C	10 12 „
19	33.455	22.15	84·0	18.16	83.2	C	11 12 „
20	32·975	21.86	84.8	18·16	83.8	C	Noon.
21	33.867	21.80	84.3	18.25	83.9	V	1 12 p. m.
22	34.964	21.65	84.9	18.30	84.1	V	2 12 „
23	36.336	21.48	85.0	18.45	84·5	V	3 12 „
Sept. 16th-Noon.	36.748	21.43	85.0	18.45	84.9	V	4 12 „
1	36.473	21.28	84·9	18.50	85.0	G	5 12 „
2	36.199	21.25	84.1	18·50	85.0	G	6 12 „
3	35.856	21.35	83.8	18.46	84.5	G	7 12 „
4	36.062	21·40	83.3	18.50	84.0	G	8 12 „
5	35.925	21.75	82.2	18.48	83.3	C	9 12 „
6	36.473	22.04	82.2	18.47	83.2	C	10 12 „
7	37.228	21.55	82.2	18.48	83.2	C	11 12 „
8	36.885	21.71	82.2	18.52	83.2	C	Midnight.
9	37.159	21.75	82.0	18·55	82.8	V	1 12 a. m.
10	37.571	21.50	81.9	18.60	82.5	V	2 12 „
11	37.091	21.80	81.6	18·60	82.3	V	3 12 „
12	37.365	21.60	81.4	18.60	82.0	V	4 12 „
13	37.502	21.75	81.4	18.70	82.0	G	5 12 „
14	38.326	21.75	81.0	18.72	81.7	G	6 12 „
15	39.080	21.50	81.1	18.80	81.7	G	7 12 „
16	38.737	21.69	81.8	18.80	81.8	G	8 12 „
17	37.297	21.72	82.8	18.70	82.6	C	9 12 „
18	35.239	21.72	83.2	18·62	83.0	C	10 12 „
19	33.661	21.93	83.2	18.64	83.0	C	11 12 „
20	33·455	21.68	84.0	18.64	83.6	C	Noon.
21	35.101	20.25	84.3	18·80	83.9	V	1 12 p. m.
22	36.199	20·70	84.0	18.80	83.7	V	2 12 „
23	37.228	20.10	84.4	18.55	84.4	V	3 12 „
Sept. 17th-Noon.	38.943	19.65	84.8	18.40	85·0	V	4 12 „
1	38.326	19.97	83.8	18·40	84.7	G	5 12 „
2	38.737	19.94	82.7	18.40	84.0	G	6 12 „
3	37.777	19.85	82.6	18.40	83.5	G	7 12 „
4	37.365	20.40	82·5	18.40	83.4	G	8 12 „
5	37.434	20.26	82.3	18.38	83.3	C	9 12 „
6	38.806	20.53	82.1	18.47	83.2	C	10 12 „
7	37.022	20.71	81.8	18.44	83·0	C	11 12 „
8	37.708	21.61	81.7	18.40	82.8	C	Midnight.
9	37.297	21.00	81.5	18.40	82.6	V	1 12 a. m.
10	38.463	20·95	81.1	18.40	82.2	V	2 12 „
11	37.571	21·10	81.0	18.40	82.0	V	3 12 „
12	37.983	21.10	81.5	18.40	82.0	V	4 12 „
13	37.776	21.05	81.5	18·40	82.0	G	5 12 „
14	38.669	21.15	81.6	18.48	82.0	G	6 12 „
15	39.217	20.95	81.8	18.46	82.1	G	7 12 „
16	38.326	20.85	82.5	18·30	82.4	G	8 12 „
17	36·679	21.04	83.4	18.18	83.0	C	9 12 „
18	35.101	21.01	84.0	18.16	83.8	C	10 12 „
19	34.347	21.09	84.5	18.07	84.1	C	11 12 „
20	34.004	21.05	84.9	18.14	84.7	C	Noon.
21	34.827	21.05	85.0	18.00	85·0	V	1 12 p. m.
22	35.856	20.90	85.4	18.05	85.5	V	2 12 „
23	37.571	20.30	85.4	18.10	85.9	V	3 12 „

DAILY OBSERVATIONS, FROM 19TH TO 21ST SEPTEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
SEPT. 19TH-Noon.	39·217	20.44	85°5	17.90	86°2	G	4 12 p. m.
1	38.943	20.40	85.0	17.82	86.0	G	5 12 ,,
2	37.640	20.48	84.3	17.80	85.7	G	6 12 ,,
3	37.283	20.43	84.0	17.80	85.5	G	7 12 ,,
4	37.502	20.58	83.9	17.80	85.0	G	8 12 ,,
5	37.228	20.74	83.4	17.84	85.0	C	9 12 ,,
6	37.159	20.80	83.2	17.94	84.9	C	10 12 ,,
7	37.159	20·89	83.1	17.98	84.8	C	11 12 ,,
8	37.228	20·89	83.1	17.98	84.6	C	Midnight.
9	37.159	20.90	83.1	17.90	84.3	V	1 12 a. m.
10	37.091	21.10	83.0	17.90	83.8	V	2 12 ,,
11	37.022	21.10	83.0	17.85	84.0	V	3 12 ,,
12	37.228	21.10	82.9	17.85	83.9	V	4 12 ,,
13	37.434	21.05	82.7	17.90	84.0	G	5 12 ,,
14	38.588	21.10	82.7	17.90	83.7	G	6 12 ,,
15	39.012	21.00	83.0	17.90	83.5	G	7 12 ,,
16	38.874	21·15	83.3	17.94	83.7	G	8 12 ,,
17	37.640	21.46	82.3	17.84	83.5	C	9 12 ,,
18	35.513	21.70	82.3	17.70	83·5	C	10 12 ,,
19	34.758	21.87	82.2	17.72	83·3	C	11 12 ,,
20	34.621	21.63	82.3	17.72	83.3	C	Noon.
21	34.827	21.50	83.3	17.80	83.7	V	1 12 p. m.
22	36.542	21.15	84.1	17.80	84.0	V	2 12 ,,
23	37.914	20.90	84.3	17.85	84.0	V	3 12 ,,
SEPT. 20TH-Noon.	38.600	20.80	84.6	17.80	85.0	V	4 12 ,,
1	38.737	20.75	84.0	17.80	85.0	G	5 12 ,,
2	37.708	20.85	83.6	17.82	84.9	G	6 12 ,,
3	37.091	21.00	83·2	17.74	84.5	G	7 12 ,,
4	36.954	21.05	83.0	17.70	84.4	G	8 12 ,,
5	37.708	21.20	82.9	17.75	84.2	C	9 12 ,,
6	37.159	21.16	82.9	17.76	84.1	C	10 12 ,,
7	37.297	21.06	82.6	17.73	83.9	C	11 12 ,,
8	37.091	21.44	82.4	17.73	83.7	C	Midnight.
9	36.679	21.40	82·1	17.70	83.4	V	1 12 a. m.
10	36.885	21.70	82.0	17.75	83.0	V	2 12 ,,
11	37.571	21.45	81.9	17.75	82.7	V	3 12 ,,
12	37.914	21.05	81.9	17.80	82.4	V	4 12 ,,
13	38.600	20.87	81.8	17.90	82.2	G	5 12 ,,
14	37.778	21.10	80.9	17.84	81.5	G	6 12 ,,
15	38.737	20.65	80.8	17.90	81.2	G	7 12 ,,
16	40.109	20.37	81.0	17.82	81.4	G	8 12 ,,
17	39.080	20.60	81.9	17.80	81.4	C	9 12 ,,
18	37.983	20.44	82.9	17.74	82.0	C	10 12 ,,
19	36.130	20.45	83.7	17.47	83.1	C	11 12 ,,
20	34.690	20.39	83.6	17.30	83.4	C	Noon.
21	35.856	20.30	83.8	16.75	83.7	V	1 12 p. m.
22	36.179	19.90	84.6	16.60	84.8	V	2 12 ,,
23	37.914	19.90	84.5	16.30	85.0	V	3 12 ,,
SEPT. 21ST-Noon.	38.257	20.30	83.4	16.20	84.0	V	4 12 ,,
1	38.737	20.70	83.5	16.00	84.7	G	5 12 ,,
2	37.571	20.15	83.3	16.00	84·7	G	6 12 ,,
3	37.159	20.44	83.0	15.92	84.2	G	7 12 ,,
4	37.365	20.89	82.9	15.74	83.8	G	8 12 ,,
5	37·914	20.39	82.5	15.88	83.7	C	9 12 ,,
6	37.502	20.54	82.0	15.89	83.3	C	10 12 ,,
7	37.365	21.03	81.9	15.94	83.1	C	11 12 ,,
8	36.748	21.15	81.6	15.94	83.0	C	Midnight.
9	37.914	21.00	81.3	16.00	82.7	V	1 12 a. m.
10	37.571	20.95	81.0	15.90	82·4	V	2 12 ,,
11	36.954	21.20	80.9	15.94	81.9	V	3 12 ,,

DAILY OBSERVATIONS, FROM 21ST TO 23RD SEPTEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
SEPT. 21ST—12	37·914	21.35	81·0	16.00	82·0	V	4 12 a. m.
13	37.983	21.30	81.0	15.98	82.0	G	5 12 ,,
14	39.286	21.20	81·0	16.00	82·0	G	6 12 ,,
15	39.903	21.12	81.0	16.00	81·8	G	7 12 ,,
16	39.423	20.99	81.5	15.84	82.0	G	8 12 ,,
17	38.394	20.45	82.3	15.60	82.8	N	9 12 ,,
18	37.297	20.67	83.0	15.50	83.0	N	10 12 ,,
19	35.170	20.65	84.2	15.40	84.0	N	11 12 ,,
20	33.621	20.56	84.4	15.45	84.3	N	Noon.
21	36.130	20.30	84.8	15.50	84.9	V	1 12 p. m.
22	36.885	20.15	85.0	15.55	85.4	V	2 12 ,,
23	38.257	20.20	85.2	15·57	86.0	V	3 12 ,,
SEPT. 22ND-Noon.	38.943	20.55	86.0	15.60	86.0	V	4 12 ,,
1	38.600	20.32	84.5	15.50	86.0	G	5 12 ,,
2	39.286	20.63	84.1	15.56	85.8	G	6 12 ,,
3	37.434	20.25	83.8	15.60	85.2	G	7 12 ,,
4	37.297	20.25	83.5	15.60	85.0	G	8 12 ,,
5	38.257	20.51	83.1	15.62	84.4	K	9 12 ,,
6	37.022	20.74	82.8	15.62	84.3	K	10 12 ,,
7	37.502	20.74	82.6	15.69	83.9	K	11 12 ,,
8	36.885	20.72	82.5	15.74	83.7	K	Midnight.
9	37.228	21.45	82.3	15.80	83·5	V	1 12 a. m.
10	38.051	21.00	82.2	15.84	83.5	V	2 12 ,,
11	37.228	21.20	82.0	15.80	83.2	V	3 12 ,,
12	36.885	21.15	82.0	15.80	83.0	V	4 12 ,,
13	37.365	21.10	81.9	15.86	83.0	G	5 12 ,,
14	38.531	21.25	81·7	15.90	82.7	G	6 12 ,,
15	39.217	20.90	82.0	15.90	82.8	G	7 12 ,,
16	38.943	20.90	82.8	15.75	83.0	G	8 12 ,,
17	37.914	20.63	83.7	15.65	83.3	N	9 12 ,,
18	36.199	21.15	84.5	15.55	84.0	N	10 12 ,,
19	35.307	21.07	84.7	15.52	84.6	K	11 12 ,,
20	35.101	20.85	85.0	15.50	85.0	K	Noon.
21	35.993	20.50	85.2	15.55	85.3	V	1 12 p. m.
22	37.365	20.35	85.3	15.60	85.7	V	2 12 ,,
23	38.737	20.30	85.0	15.60	86.0	V	3 12 ,,
SEPT. 23RD-Noon.	38.463	20.75	85.0	15.55	86.0	V	4 12 ,,
1	37.777	20.67	84.4	15.50	86.2	G	5 12 ,,
2	37.571	20.75	83.9	15.50	85.6	G	6 12 ,,
3	37.640	20.57	83.5	15.50	85.0	G	7 12 ,,
4	38.051	20.35	83.4	15.50	84.7	G	8 12 ,,
5	37.571	20.60	83.0	15.50	84.3	K	9 12 ,,
6	37.228	21.05	82.7	15.50	84.0	K	10 12 ,,
7	37.845	20.85	82.4	15.52	83.8	K	11 12 ,,
8	37.708	20.85	82.0	15.56	83.3	K	Midnight.
9	37.571	21.05	81.8	15.60	83.0	V	1 12 a. m.
10	36.199	21.30	81.5	15.60	82.7	V	2 12 ,,
11	37.571	21.15	81.8	15.62	82.6	V	3 12 ,,
12	36.885	21.30	82.0	15.64	82.8	V	4 12 ,,
13	36.954	21.22	82.0	15.66	82.7	G	5 12 ,,
14	38.600	21.05	81.7	15.68	82.5	G	6 12 ,,
15	39.972	20.85	82.0	15.66	82.5	G	7 12 ,,
16	39.149	21.10	82.7	15.54	82.8	G	8 12 ,,
17	37.983	20.95	83.5	15.51	83.6	G	9 12 ,,
18	36.679	20.99	84.2	15.49	84.0	C	10 12 ,,
19	35.650	20.90	84.6	15.47	84.5	C	11 12 ,,
20	35.170	21.01	84.6	15.47	85.0	C	Noon.
21	35.513	21.00	84.5	15.48	85.0	V	1 12 p. m.
22	36.473	20.80	85.1	15.25	85.5	V	2 12 ,,
23	37.845	20.70	85.4	15.10	86.0	V	3 12 ,,

DAILY OBSERVATIONS, FROM 25TH TO 27TH SEPTEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
SEPT. 25TH-Noon.	36'954	20.80	85°6	14.50	86°5	K	4 12 p. m.
1	37.159	20.85	85.2	14.56	86.7	G	5 12 ,,
2	37.571	20.75	84.9	14.44	86.1	G	6 12 ,,
3	37.640	20.70	84.8	14.44	85.6	G	7 12 ,,
4	37.571	20.75	84.7	14.40	85.4	G	8 12 ,,
5	37.502	20.69	84.5	14.38	85.4	C	9 12 ,,
6	37.434	20.83	84.3	14.36	85.3	C	10 12 ,,
7	37.434	21.00	83.8	14.32	85.1	C	11 12 ,,
8	36.954	21.08	83.6	14.37	84.9	C	Midnight.
9	37.228	21.10	83.5	14·40	84·5	V	1 12 a. m.
10	37.159	21.00	83.5	14.40	84.3	V	2 12 ,,
11	37.091	21.00	83·3	14.40	84.2	V	3 12 ,,
12	36.954	21.00	83.1	14.40	84.0	V	4 12 ,,
13	37.159	21.05	83.0	14.36	84.0	G	5 12 ,,
14	37.845	21.10	82.7	14.34	83.8	G	6 12 ,,
15	38.374	21.15	82.8	14.40	83.5	G	7 12 ,,
16	39.217	21.33	83.7	14.48	84.0	G	8 12 ,,
17	38.257	21.57	84.4	14.38	85.0	C	9 12 ,,
18	37.845	21.61	85.0	14.30	85.4	C	10 12 ,,
19	36.542	21.55	86.0	14.27	86.0	C	11 12 ,,
20	35.650	21.24	86.3	14.25	86.6	C	Noon.
21	35.856	21.05	87.1	14.30	87.0	V	1 12 p. m.
22	36.473	20.90	87.3	14.35	87.5	V	2 12 ,,
23	37.571	20.55	87.8	14.40	88.0	V	3 12 ,,
SEPT. 26TH-Noon.	38.257	20.20	87.5	00·00	00·0	V	4 12 ,,
1	37.914	20.15	87.0	33.20	88.0	G	5 12 ,,
2	37.914	20.25	86.3	33.47	87.6	G	6 12 ,,
3	38.051	20.18	86.0	33.50	87.1	G	7 12 ,,
4	37.845	20.14	85.9	33.00	87.0	G	8 12 ,,
5	37.434	20.42	85.5	33.01	87.0	C	9 12 ,,
6	37.297	20.57	85.0	33.03	86.6	C	10 12 ,,
7	37.502	20.73	84.6	32.90	86.3	C	11 12 ,,
8	37.502	20.87	84.3	32.84	86.2	C	Midnight.
9	37.571	20.93	83.9	32.55	85.9	V	1 12 a. m.
10	36.885	21.05	83.8	32.53	85.4	V	2 12 ,,
11	37.228	21.05	83.6	32.35	85.0	V	3 12 ,,
12	36.542	21.20	83.5	32.30	84.7	V	4 12 ,,
13	36.885	21.25	83.3	32.29	84.6	G	5 12 ,,
14	38.326	21.10	82.8	32.48	84.2	G	6 12 ,,
15	39.286	21·00	82.8	32.52	83.8	G	7 12 ,,
16	39.766	21.15	83.0	32.30	84.2	G	8 12 ,,
17	38.257	21.01	84.2	31.75	85.2	C	9 12 ,,
18	37.228	21.15	85.7	31.64	86.0	C	10 12 ,,
19	36.130	20.93	86.8	31.59	87.0	C	11 12 ,,
20	35.033	20·90	87.3	31.75	87.6	C	Noon.
21	35.513	20.95	87.9	31.85	87.6	V	1 12 p. m.
22	36.199	20.55	88.0	31.90	87.8	V	2 12 ,,
23	37.571	20.35	88.1	31.90	88.5	V	3 12 ,,
SEPT. 27TH-Noon.	37.434	20.35	88.0	31.80	89.0	V	4 12 ,,
1	37.159	20.42	87.7	31.84	89.2	G	5 12 ,,
2	37.297	20.40	87.1	32.10	88.0	G	6 12 ,,
3	37.228	20.44	86.6	32.20	87.9	G	7 12 ,,
4	37.365	20.54	86.0	32.28	87.0	G	8 12 ,,
5	37.708	20.75	85.5	32.29	86.9	C	9 12 ,,
6	37.708	20·84	85.2	32.30	86.7	C	10 12 ,,
7	37.571	20.71	85·2	32.32	86.5	C	11 12 ,,
8	37.571	20.83	85·1	32.35	86.4	C	Midnight.
9	38.051	20.90	84.0	32.35	86.0	V	1 12 a. m.
10	37.571	21.15	83.8	32.30	85.4	V	2 12 ,,
11	37.228	21.10	83.2	32.25	84.8	V	3 12 ,,

DAILY OBSERVATIONS, FROM 27TH TO 29TH SEPTEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
SEPT. 27TH—12	36·885	21.30	82·8	32.20	84·0	V	4 12 a. m.
13	37.571	21·36	82.3	32.30	84.0	G	5 12 „
14	37.640	21·80	82.4	32.38	83.8	G	6 12 „
15	38.463	21.41	82.8	31.95	84.0	G	7 12 „
16	37.914	21.81	83.7	31.34	84.2	G	8 12 „
17	36.542	22.07	84.8	30.96	85.1	C	9 12 „
18	35.719	22.05	85.5	30.95	85.6	C	10 12 „
19	35.170	21.95	86.4	30.75	86·4	C	11 12 „
20	34·827	21.49	87.0	30.64	87.0	C	Noon.
21	35.787	20.55	87.5	30.80	87.2	V	1 12 p. m.
22	37.159	20.05	87·8	30.75	87.9	V	2 12 „
23	37.365	19.95	88·1	30.55	88.2	V	3 12 „
SEPT. 28TH—Noon.	38.257	19.75	88.0	30·40	88.9	V	4 12 „
1	37.434	20.04	87.6	30.40	88.5	G	5 12 „
2	37.571	20.19	87.1	30.46	88.0	G	6 12 „
3	37.434	20.25	86.8	30.48	87.7	G	7 12 „
4	37.159	20.24	86.5	30.50	87.3	G	8 12 „
5	37.434	20.36	86.3	30.48	87.3	C	9 12 „
6	37.434	20.55	86.1	30.55	87.1	C	10 12 „
7	37.228	20.62	85.8	30.56	87.0	C	11 12 „
8	36.954	20.69	85.8	30·59	86.9	C	Midnight.
9	37.228	20.80	85.5	30.62	86.8	V	1 12 a. m.
10	37.434	20.90	85.0	30.60	86.3	V	2 12 „
11	37.022	21.00	85.0	30.55	86.0	V	3 12 „
12	36.885	21.00	85.1	30.50	85.9	V	4 12 „
13	37.159	21.00	85.0	30.50	85.8	G	5 12 „
14	37.914	20.85	84.7	30.58	85.8	G	6 12 „
15	39.217	20.84	84.8	30.50	85.8	G	7 12 „
16	39.629	20.85	85.6	30.50	86.0	G	8 12 „
17	38.943	21.00	86.3	30.37	86.5	C	9 12 „
18	38.051	20.94	87.0	30.06	87.0	C	10 12 „
19	36.748	20.93	87.4	29.88	87.5	C	11 12 „
20	36.062	20.97	88.0	29.86	87.9	C	Noon.
21	37.571	20.75	88.5	29.85	88.0	V	1 12 p. m.
22	37.571	20.70	89.0	29.90	88.6	V	2 12 „
23	38.257	20.30	89·3	29.80	89.5	V	3 12 „
SEPT. 29TH—Noon.	38.257	20·40	89.2	31.85	89.9	V	4 12 „
1	37.571	20.45	89.0	31.85	90.0	G	5 12 „
2	37.502	20.50	88·4	32.05	89.1	G	6 12 „
3	37.502	20.42	88.0	32.19	88.5	G	7 12 „
4	37.571	20.40	87·4	32.24	88.1	G	8 12 „
5	37.640	20.45	87.0	32.38	87.6	C	9 12 „
6	37.708	20.57	86.6	32.39	87.3	C	10 12 „
7	37.434	20.70	86.3	32.46	87.0	C	11 12 „
8	37.777	20.79	86.1	32.47	86.8	C	Midnight.
9	37.571	20.80	86.0	32.50	86.5	V	1 12 a. m.
10	37.571	20.85	85.7	32.30	86.2	V	2 12 „
11	37.571	20·85	85.3	32.25	86.0	V	3 12 „
12	37.434	21.05	85.0	32.20	86.0	V	4 12 „
13	37.228	21.05	85.0	32.22	85.6	G	5 12 „
14	37.571	21.00	84.8	32.39	85.5	G	6 12 „
15	38.531	21.00	85.0	32.44	86.0	G	7 12 „
16	39.355	20.97	85.9	32.30	86.1	G	8 12 „
17	39.286	21.07	86.7	32.00	86.8	C	9 12 „
18	37.983	21.09	87.2	31.78	87.1	C	10 12 „
19	36.542	20·99	87.9	31.25	87.6	C	11 12 „
20	35.925	20.69	88.3	31.31	88.2	C	Noon.
21	36.611	20.35	88.8	31.65	88.5	V	1 12 p. m.
22	37.708	20.15	89.0	31.80	88.9	V	2 12 „
23	38.737	20.10	89.0	31.80	89.3	V	3 12 „

DAILY OBSERVATIONS, FROM 30TH SEPTEMBER TO 3RD OCTOBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
SEPT. 30TH-Noon.	38·600	19.90	88°9	31.60	89°8	V	4 12 p. m.
1	37.914	20.05	88.0	31.64	89.8	G	5 12 ,,
2	37.365	20.15	87.4	31.64	89.1	G	6 12 ,,
3	37.914	20.00	86.7	31.80	88.8	G	7 12 ,,
4	37.502	20.00	86.6	31.92	88.2	G	8 12 ,,
5	37.845	20.09	86.6	31.96	88.0	C	9 12 ,,
6	38.120	20.11	86.5	31.98	87.9	C	10 12 ,,
7	38.326	20.57	86.0	32.00	87.4	C	11 12 ,,
8	38.120	20.74	85.5	32.04	87.1	C	Midnight.
9	37.914	20.75	85.3	32.10	86.8	V	1 12 a. m.
10	37.571	20.85	85.2	32.00	86.7	V	2 12 ,,
11	37.571	20.95	85.0	32.00	86.4	V	3 12 ,,
12	38.257	20.85	84.8	32.05	86.0	V	4 12 ,,
13	37.228	20.95	84.6	32.10	86.0	G	5 12 ,,
14	37.914	21.11	84.5	32.10	85.6	G	6 12 ,,
15	39.560	21.30	84.4	32.00	85.0	G	7 12 ,,
16	37.983	21.50	85.0	31.80	85.7	G	8 12 ,,
17	37.502	21.70	86.0	31.60	86·5	C	9 12 ,,
18	36.542	21.55	87.0	31.30	87.0	C	10 12 ,,
19	35.376	21.34	88.0	31.06	87.5	C	11 12 ,,
20	34.876	21·32	88.1	31.00	87.8	C	Noon.
21	35.170	21.15	88.6	31.20	88.0	V	1 12 p. m.
22	36.288	21.00	88.6	31.40	88.5	V	2 12 ,,
23	37.159	20.90	89.0	31.30	89.0	V	3 12 ,,
OCT. 2ND-Noon.	37.571	20.90	88.5	31.25	89.4	V	4 12 ,,
1	37.434	20.80	87.5	31·30	89.0	V	5 12 ,,
2	37.297	20.65	87.0	31.35	88.5	V	6 12 ,,
3	37.159	20.50	86.8	31.40	87.9	V	7 12 ,,
4	37.365	20.55	86.5	31.45	87.5	V	8 12 ,,
5	37.434	20.67	86.2	31.50	87.2	G	9 12 ,,
6	37.914	21.00	86.2	31.50	87.0	G	10 12 ,,
7	37.983	20.90	85.7	31.74	86.9	G	11 12 ,,
8	38.326	20.90	85.0	31.74	86.8	G	Midnight.
9	37.297	21.15	84.9	31.67	86.7	C	1 12 a. m.
10	37.845	21.10	84·7	31.65	86.3	C	2 12 ,,
11	38.051	21.16	84.9	31.75	86.3	C	3 12 ,,
12	38.051	21.05	84.7	31.78	86.1	C	4 12 ,,
13	37.434	21.15	84.2	31.80	85.7	V	5 12 ,,
14	39.080	21.25	83.5	31.75	85.1	V	6 12 ,,
15	38.531	21.35	83.8	31.80	84.7	V	7 12 ,,
16	38.326	21.60	84.2	31.50	84.9	V	8 12 ,,
17	37.159	21.50	85.2	31.38	85.2	G	9 12 ,,
18	36.405	21.45	86.2	31.40	86.0	G	10 12 ,,
19	35.993	21.50	87.0	31.30	86.8	G	11 12 ,,
20	35.513	21.44	87.8	31.18	87.0	G	Noon.
21	35.787	21.29	88.2	31.04	88.0	C	1 12 p. m.
22	36.199	21.26	88·3	31.00	88.8	C	2 12 ,,
23	36.748	21.14	88.3	31·03	89.0	C	3 12 ,,
OCT. 3RD-Noon.	37.571	20.89	88.2	31.07	89.0	C	4 12 ,,
1	37.571	20.90	87.0	31.20	88.5	V	5 12 ,,
2	37.091	21.00	86.2	31.30	87.5	V	6 12 ,,
3	37.091	20.85	85.9	31.40	87·0	V	7 12 ,,
4	37.228	20.90	85.7	31.50	87.0	V	8 12 ,,
5	37.297	20.85	85.6	31.50	87.0	G	9 12 ,,
6	37.914	20.80	85.0	31.48	86.8	G	10 12 ,,
7	38.257	20.80	84.7	31.40	86.2	G	11 12 ,,
8	37.845	21.00	84.5	31.32	86.0	G	Midnight.
9	37.914	21.00	84.1	31.38	85.7	C	1 12 a. m.
10	38.463	21.06	83·7	31.47	85.3	C	2 12 ,,
11	38.326	21.19	83.4	31.46	85.1	C	3 12 ,,

DAILY OBSERVATIONS, FROM 3RD TO 5TH OCTOBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Oct. 3rd—12	37·983	21.20	83·1	31.44	84·8	C	4 12 a. m.
13	38.257	21.30	82.5	31.50	84.3	V	5 12 ,,
14	38.257	21.40	82.4	31.55	84.0	V	6 12 ,,
15	38.943	21.40	82.8	31.55	83.8	V	7 12 ,,
16	38.943	21.70	83.8	31.30	84.2	V	8 12 ,,
17	38.600	21.80	84.8	31.00	84.8	V	9 12 ,,
18	38·326	21.80	85.8	30.90	85.7	V	10 12 ,,
19	38.051	21.75	86·7	30.70	86.3	V	11 12 ,,
20	36.748	21.60	87.3	30.30	87.0	V	Noon.
21	36.288	21.42	87.9	30.47	87.7	C	1 12 p. m.
22	36.885	21.22	88.1	30.56	88.1	C	2 12 ,,
23	37.297	21.09	88.1	30.67	88·6	C	3 12 ,,
Oct. 4th-Noon.	37.365	21.06	87.9	30.69	88.8	C	4 12 ,,
1	37.228	21.00	87.0	30.70	88.3	V	5 12 ,,
2	36.885	21.00	86.3	30.90	87.5	V	6 12 ,,
3	36.954	21.00	86·0	30.90	87.0	V	7 12 ,,
4	36.885	21.00	86.0	31.00	87.0	V	8 12 ,,
5	37.159	21.00	85.8	30.90	86.8	D	9 12 ,,
6	37.297	21.00	85.7	31.00	86.7	D	10 12 ,,
7	38.054	20.95	85.2	31.00	86.5	D	11 12 ,,
8	37.914	21.10	84.6	31.00	86.3	D	Midnight.
9	37.914	21.23	84.4	31.18	86.0	C	1 12 a. m.
10	37.914	21.31	84.1	31.29	85.8	C	2 12 ,,
11	37.640	21.39	83.9	31.31	85.6	C	3 12 ,,
12	37.571	21.35	84.1	31.39	85.6	C	4 12 ,,
13	37.708	21.40	83.9	31.35	85.3	B	5 12 ,,
14	37.914	21.60	83.4	31.30	84.8	B	6 12 ,,
15	38.326	21.75	83.6	31.50	84.6	B	7 12 ,,
16	38.531	21.80	84.5	31.15	85.0	B	8 12 ,,
17	37.914	21.85	85.7	30.80	85.8	D	9 12 ,,
18	37.845	22.00	86·4	30.80	86.7	D	10 12 ,,
19	37.571	21.95	87.1	30.90	87.1	D	11 12 ,,
20	36.611	21.90	87.7	30.30	87.4	D	Noon.
21	36.542	21.76	87.9	30.46	87.9	C	1 12 p. m.
22	37.091	21.51	88.1	30.59	88.1	C	2 12 ,,
23	37.845	21.33	88.2	30.68	88.6	C	3 12 ,,
Oct. 5th-Noon.	37.983	21.07	88.3	30.60	88.8	C	4 12 ,,
1	37.502	20.86	87.5	30.50	88.6	B	5 12 ,,
2	37.091	20.88	86.6	30.70	88.0	B	6 12 ,,
3	37.159	20.71	86.3	30,78	87.5	B	7 12 ,,
4	37.091	20.72	86.2	30.90	87.2	B	8 12 ,,
5	37.228	20.81	86.1	30.95	87.1	D	9 12 ,,
6	37.297	21.06	85.2	31.00	86.9	D	10 12 ,,
7	37.571	21.20	84.4	31.10	86.3	D	11 12 ,,
8	37.914	21.30	84.8	31.10	86.1	D	Midnight.
9	37.983	21.26	84.3	31.28	85.8	C	1 12 a. m.
10	37.983	21.36	83.9	31.39	85.5	C	2 12 ,,
11	38.188	21.36	83.4	31.40	85.1	C	3 12 ,,
12	37.845	21.48	82.8	31.47	84.7	C	4 12 ,,
13	37.640	21.62	82.7	31.30	84.3	B	5 12 ,,
14	37.983	21.67	82.3	31.45	83.9	B	6 12 ,,
15	38.120	21.80	82.7	31.45	83.7	B	7 12 ,,
16	38 600	21.75	83.6	31·30	84.2	B	8 12 ,,
17	38·326	21·85	84.4	31.30	84.8	D	9 12 ,,
18	37.914	21.95	85.5	30.90	85.3	D	10 12 ,,
19	36.885	21.85	86.4	30.70	86.1	D	11 12 ,,
20	35.856	21.70	86.8	30.58	86.7	D	Noon.
21	36.199	21.54	87.2	30.60	87.2	C	1 12 p. m.
22	37.022	21.34	87.8	30.62	87.7	C	2 12 ,,
23	38.257	21.25	88.1	30.62	88.3	C	3 12 ,,

DAILY OBSERVATIONS, FROM 6TH TO 9TH OCTOBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizonal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.	′						h. m.
OCT. 6TH-Noon.	38′326	21.14	88°2	30.67	88°3	C	4 12 p. m.
1	37.640	21.05	87.5	30.50	88.5	B	5 12 ,,
2	37.159	21.08	86.5	30.70	87.6	B	6 12 ,,
3	37.022	21.09	86 3	30.90	87.3	B	7 12 ,,
4	37.159	21.14	86.0	31.10	87.1	B	8 12 ,,
5	37.571	21.25	85.7	31.10	86.5	D	9 12 ,,
6	37.571	21.45	84.9	31.20	86.1	D	10 12 ,,
7	37.640	21.55	84.1	31.35	85.8	D	11 12 ,,
8	37.708	21.70	83.8	31.30	85.3	D	Midnight.
9	37.571	21.75	83.2	31.30	85.0	C	1 12 a. m.
10	37.502	21.80	83.0	31.32	84.8	C	2 12 ,,
11	37.845	21.79	83.5	31.38	84.8	C	3 12 ,,
12	37.914	21.75	82.9	31.39	84.2	C	4 12 ,,
13	37.777	21.80	82.9	31.35	83.8	B	5 12 ,,
14	37.919	21.75	82.5	31.50	83.6	B	6 12 ,,
15	37.919	21.75	82.6	31.50	83.3	B	7 12 ,,
16	38.394	22.00	83.5	31.25	83.7	B	8 12 ,,
17	37.984	22.25	84.3	31.20	84.1	D	9 12 ,,
18	38.257	22.60	84.9	31.08	84.9	D	10 12 ,,
19	36.199	22.50	86.0	30.50	85.8	D	11 12 ,,
20	36.130	22.34	86.8	30.50	86.5	D	Noon.
21	36.679	22.02	87.1	30.69	87.1	C	1 12 p. m.
22	37.571	21.79	87.2	30.98	87.5	C	2 12 ,,
23	38.120	21.59	87.3	30.96	88.0	C	3 12 ,,
OCT. 7TH-Noon.	38.257	21.49	87.0	30.96	88.0	C	4 12 ,,
1	37.571	21.45	86.5	30.70	87.6	B	5 12 ,,
2	37.091	21.49	85.6	30.80	87.0	B	6 12 ,,
3	37.159	21.50	85.2	30.95	86.6	B	7 12 ,,
4	36.954	21.53	85.0	31.00	86.5	B	8 12 ,,
5	37.228	21.55	84.7	31.00	85.8	D	9 12 ,,
6	37.434	21.51	84.4	31.10	85.7	D	10 12 ,,
7	37.571	21.65	84.1	31.20	85.2	D	11 12 ,,
8	37.228	21.68	83.9	31.25	85.0	D	Midnight.
9	37.571	21.69	83.8	31.28	84.9	C	1 12 a. m.
10	37.845	21.78	83.4	31.33	84.6	C	2 12 ,,
11	37.983	21.75	83.0	31.34	84.4	C	3 12 ,,
12	37.502	21.86	82.6	31.38	84.1	C	4 12 ,,
13	37.297	22.00	82.4	31.30	83.6	B	5 12 ,,
14	36.885	22.05	82.1	31.40	83.3	B	6 12 ,,
15	37.297	22.18	82.5	31.50	83.5	B	7 12 ,,
16	37.777	22.40	83.3	31.30	83.9	B	8 12 ,,
17	37.228	22.60	84.0	31.00	84.6	D	9 12 ,,
18	36.816	22.65	85.0	30.80	85.1	D	10 12 ,,
19	36.474	22.81	85.7	30.60	85.6	D	11 12 ,,
20	34.758	22.89	85.9	30.50	85.9	D	Noon.
21	34.827	22.77	86.3	30.78	86.4	C	1 12 p. m.
22	36.130	22.48	86.9	30.85	86.9	C	2 12 ,,
23	37.091	22.28	87.0	30.87	87.8	C	3 12 ,,
OCT. 9TH-Noon.	37.297	21.69	87.1	30.99	88.0	C	4 12 ,,
1	37.297	21.62	86.2	30.95	87.5	B	5 12 ,,
2	36.748	21.65	85.5	31.20	86.6	D	6 12 ,,
3	37.297	21.53	85.1	31.22	86.5	D	7 12 ,,
4	37.297	21.51	85.0	31.25	86.3	D	8 12 ,,
5	36.748	21.55	85.0	31.25	86.1	D	9 12 ,,
6	37.571	21.59	84.8	31.20	85.9	D	10 12 ,,
7	37.571	21.59	84.5	31.20	85.5	D	11 12 ,,
8	37.571	21.65	84.2	31.30	85.3	D	Midnight.
9	37.708	21.70	83.8	31.28	85.1	C	1 12 a. m.
10	37.297	22.00	83.5	31.33	84.9	C	2 12. ,,
11	36.885	22.08	83.3	31.35	84.7	C	3 12 ,,

DAILY OBSERVATIONS, FROM 9TH TO 11TH OCTOBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
OCT. 9TH—12	36'611	21.94	82°9	31.39	84°4	C	4 12 a. m.
13	37.228	21.85	82.5	31.35	83.9	B	5 12 „
14	37.297	21.65	82.4	31.45	83.6	B	6 12 „
15	37.571	21.65	82.5	31.48	83.5	B	7 12 „
16	38.806	21.80	83.0	31.25	83.8	B	8 12 „
17	37.914	22.00	83.8	30.70	84.3	D	9 12 „
18	36.611	22.05	84.9	30.50	85.2	D	10 12 „
19	35.856	21.91	85.7	30.35	85.7	D	11 12 „
20	35.856	21.84	86.1	30.38	86.2	D	Noon.
21	35.856	21.59	86.9	30.42	86.7	C	1 12 p. m.
22	36.473	21.28	87.3	30.47	87.2	C	2 12 „
23	37.777	20.69	87.4	30.57	87.9	C	3 12 „
OCT. 10TH-Noon.	37.502	20.62	87.1	30.59	88.0	C	4 12 „
1	37.091	20.72	86.5	30.70	87.4	B	5 12 „
2	37.434	20.60	85.6	30.90	86.7	B	6 12 „
3	37.502	20.73	85.5	30.95	86.6	B	7 12 „
4	37.777	20.88	85.5	30.98	86.4	B	8 12 „
5	37.845	21.11	85.0	31.00	86.0	D	9 12 „
6	38.257	21.30	84.2	31.00	85.7	D	10 12 „
7	38.188	21.45	83.4	31.10	85.2	D	11 12 „
8	38.257	21.55	83.1	31.20	85.0	D	Midnight.
9	38.257	21.66	83.0	31.29	84.7	C	1 12 a. m.
10	37.914	21.61	83.2	31.32	84.7	C	2 12 „
11	38.051	21.56	82.9	31.39	84.4	C	3 12 „
12	37.777	21.48	82.9	31.45	84.2	C	4 12 „
13	37.228	21.55	82.6	31.40	83.7	B	5 12 „
14	37.708	21.70	82.0	31.55	83.1	B	6 12 „
15	38.600	21.70	81.8	31.65	83.0	B	7 12 „
16	39.423	21.95	82.7	31.50	83.5	B	8 12 „
17	37.914	22.20	84.0	31.50	84.1	D	9 12 „
18	37.228	22.45	85.2	31.35	85.0	D	10 12 „
19	36.542	22.31	86.3	30.60	85.6	D	11 12 „
20	36.199	22.20	86.5	30.50	86.1	D	Noon.
21	36.473	21.87	87.0	30.37	86.8	C	1 12 p. m.
22	37.091	21.62	87.2	30.89	87.4	C	2 12 „
23	37.571	21.53	87.7	30.91	87.8	C	3 12 „
OCT. 11TH-Noon.	37.777	21.34	87.6	30.88	88.1	C	4 12 „
1	37.845	21.35	86.7	30.88	87.8	B	5 12 „
2	37.502	21.35	86.0	31.10	87.0	B	6 12 „
3	37.502	21.29	85.5	31.18	86.5	B	7 12 „
4	37.571	21.34	85.1	31.20	86.3	B	8 12 „
5	37.914	21.30	84.8	31.30	85.9	D	9 12 „
6	37.845	21.40	84.7	31.30	85.4	D	10 12 „
7	37.571	21.45	84.3	31.40	85.2	D	11 12 „
8	37.914	21.55	84.1	31.45	85.1	D	Midnight.
9	37.914	21.59	84.0	31.42	85.0	C	1 12 a. m.
10	37.708	21.56	83.8	31.40	84.8	C	2 12 „
11	37.434	21.75	83.5	31.40	84.7	C	3 12 „
12	37.708	21.74	83.4	31.44	84.6	C	4 12 „
13	38.463	21.75	83.2	31.45	84.2	B	5 12 „
14	37.983	21.80	82.7	31.50	83.8	B	6 12 „
15	38.806	21.88	82.9	30.70	83.6	B	7 12 „
16	39.423	22.02	83.5	31.40	83.9	B	8 12 „
17	39.286	22.35	84.7	31.00	84.7	D	9 12 „
18	38.257	22.40	85.5	30.70	85.1	D	10 12 „
19	37.571	22.45	85.6	30.50	85.8	D	11 12 „
20	36.856	22.35	86.0	30.50	86.0	D	Noon.
21	36.954	22.09	86.8	30.86	86.6	C	1 12 p. m.
22	37.914	21.76	87.1	30.97	87.2	C	2 12 „
23	38.464	21.58	87.1	30.98	87.6	C	3 12 „

DAILY OBSERVATIONS, FROM 12TH TO 14TH OCTOBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Oct. 12th-Noon.	38'257	21.53	86°8	30.96	87°9	C	4 12 p. m.
1	37.502	21.51	86.0	30.85	87.0	B	5 12 ,,
2	37.571	21.52	85.2	31.15	86.6	B	6 12 ,,
3	37.502	21.49	85.1	31.15	86.3	B	7 12 ,,
4	37.365	21.52	84.7	31.15	86.0	B	8 12 ,,
5	37.914	21.50	84.5	31.45	85.6	D	9 12 ,,
6	37.914	21.50	84.2	31.50	85.2	D	10 12 ,,
7	38.600	21.10	83.9	31.60	85.1	D	11 12 ,,
8	38.600	21.05	83.7	31.50	85.0	D	Midnight.
9	38.463	21.65	83.4	31.57	84.9	C	1 12 a. m.
10	38.257	21.62	83.2	31.59	84.7	C	2 12 ,,
11	37.983	21.87	83.0	31.61	84.3	C	3 12 ,,
12	37.914	21.95	82.7	31.65	84.1	C	4 12 ,,
13	37.571	21.90	82.4	31.60	83.9	B	5 12 ,,
14	37.571	22.15	82.2	31.75	83.4	B	6 12 ,,
15	38.051	22.40	82.2	31.70	83.1	B	7 12 ,,
16	37.914	22.45	83.3	31.70	83.5	B	8 12 ,,
17	37.914	22.30	84.7	31.50	84.1	D	9 12 ,,
18	37.571	22.31	85.1	31.20	84.7	D	10 12 ,,
19	36.542	22.55	85.0	30.90	85.2	D	11 12 ,,
20	36.885	22.30	85.8	31.00	85.4	D	Noon.
21	37.365	21.90	86.1	31.28	86.0	C	1 12 p. m.
22	38.806	21.59	86.3	31.32	86.7	C	2 12 ,,
23	39.217	21.33	86.3	31.27	87.0	C	3 12 ,,
Oct. 13th-Noon.	39.698	21.06	86.1	31.29	87.1	C	4 12 ,,
1	41.481	18.90	85.5	31.30	86.5	B	5 12 ,,
2	40.178	18.41	84.6	31.40	85.9	B	6 12 ,,
3	38.874	20.10	84.3	31.46	85.6	B	7 12 ,,
4	39.355	19.55	84.0	31.80	85.2	B	8 12 ,,
5	39.629	19.50	83.7	31.95	84.9	D	9 12 ,,
6	38.943	20.90	83.6	31.90	84.7	D	10 12 ,,
7	38.600	20.50	83.2	31.80	84.5	D	11 12 ,,
8	39.286	20.40	82.9	31.80	84.0	D	Midnight.
9	38.531	20.97	82.5	31.69	83.7	C	1 12 a. m.
10	38.257	21.78	82.1	31.68	83.3	C	2 12 ,,
11	37.571	21.37	81.8	31.62	83.2	C	3 12 ,,
12	37.777	21.27	81.4	31.83	83.0	C	4 12 ,,
13	38.257	21.25	81.0	31.86	82.6	B	5 12 ,,
14	37.983	21.40	80.5	31.92	82.1	B	6 12 ,,
15	38.257	21.45	80.9	32.05	81.8	B	7 12 ,,
16	38.394	21.55	82.2	31.85	82.3	B	8 12 ,,
17	37.914	21.45	83.2	31.80	83.9	D	9 12 ,,
18	37.228	21.30	84.2	31.70	83.5	D	10 12 ,,
19	36.542	21.31	84.8	31.90	83.8	D	11 12 ,,
20	36.542	21.10	84.9	31.30	84.2	D	Noon.
21	37.228	20.95	85.2	31.49	85.0	C	1 12 p. m.
22	38.188	20.89	85.3	31.51	85.6	C	2 12 ,,
23	38.943	20.71	85.4	31.54	86.2	C	3 12 ,,
Oct. 14th-Noon.	38.600	20.93	85.2	31.54	86.3	C	4 12 ,,
1	38.806	20.55	84.2	31.50	85.3	B	5 12 ,,
2	39.080	20.83	83.6	31.56	84.8	B	6 12 ,,
3	38.806	20.91	83.4	31.68	84.6	B	7 12 ,,
4	38.669	20.95	83.3	31.75	84.3	B	8 12 ,,
5	38.326	21.30	83.1	31.76	84.0	D	9 12 ,,
6	38.669	21.20	83.0	31.96	83.9	D	10 12 ,,
7	38.669	21.14	82.9	32.08	83.9	D	11 12 ,,
8	39.080	21.24	82.8	32.10	83.8	D	Midnight.
9	39.629	21.19	82.3	32.15	83.6	C	1 12 a. m.
10	38.600	21.35	82.2	32.05	83.2	C	2 12 ,,
11	38.188	21.30	81.9	31.90	82.8	C	3 12 ,,

DAILY OBSERVATIONS, FROM 14TH TO 17TH OCTOBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Oct. 14th–12	37·983	21.40	81·9	32.00	82·8	C	4 12 a. m.
13	38.669	21.28	81.7	32.15	82.7	B	5 12 ,,
14	38.737	21.35	81.3	32.35	82.5	B	6 12 ,,
15	38.257	21.33	81.5	32.25	82.3	B	7 12 ,,
16	38.943	21.34	82.1	32.12	82.5	B	8 12 ,,
17	38.326	21.45	83.0	31.70	83.2	D	9 12 ,,
18	37.914	21.45	83.9	31.60	83.7	D	10 12 ,,
19	37.571	21.70	84.2	31.70	83.9	D	11 12 ,,
20	36.885	21.55	84.5	31.90	84.1	D	Noon.
21	37.914	21.28	84.7	31.98	84.9	C	1 12 p. m.
22	38.943	21.11	84.7	32.02	85.4	C	2 12 ,,
23	39.080	21.05	84.7	32·08	85.6	C	3 12 ,,
Oct. 16th-Noon.	39.903	20.55	85.8	31.60	86.5	D	4 12 ,,
1	39.149	20.50	84.8	31.65	86.1	D	5 12 ,,
2	38.806	20.75	84.2	31.95	85.5	B	6 12 ,,
3	38.806	20.75	84.0	31.95	84.9	B	7 12 ,,
4	38.463	21.15	83.6	31.88	84.6	B	8 12 ,,
5	38.531	21.10	83.4	31.90	84.4	D	9 12 ,,
6	38.600	21.15	83.1	32.00	84.2	D	10 12 ,,
7	37.914	21.70	83.4	32.10	84.0	D	11 12 ,,
8	38.531	21.40	83.2	32.20	83.8	D	Midnight.
9	38.669	21.35	83.3	32.24	83.8	C	1 12 a. m.
10	38.669	21.40	83.1	32.24	83.8	C	2 12 ,,
11	38.463	21.45	82.9	32.21	83.7	C	3 12 ,,
12	38.120	21.54	82.6	32.90	83.4	C	4 12 ,,
13	38.257	21.65	82.0	32.30	83.0	B	5 12 ,,
14	38.874	21.51	81.0	32.45	82.5	B	6 12 ,,
15	39.286	21.61	81.2	32.42	82.5	B	7 12 ,,
16	39.080	21.75	82.4	32.15	82.7	B	8 12 ,,
17	38.874	21.75	83.5	32.10	83.4	D	9 12 ,,
18	37.845	21.85	84.7	31.30	84.0	D	10 12 ,,
19	36.611	21.90	85.4	31.10	85.2	D	11 12 ,,
20	36.611	21.70	86.4	31.00	85.9	D	Noon.
21	37.777	21.25	87.3	31.40	87.0	C	1 12 p. m.
22	38.394	20.98	88.1	31.38	87.8	C	2 12 ,,
23	39.080	20.83	88.5	31.32	88.4	C	3 12 ,,
Oct. 17th-Noon	39.149	20.64	87.9	31.27	88.3	C	4 12 ,,
1	38.806	20.85	86.5	31.40	87.4	B	5 12 ,,
2	38.188	20.91	85.2	31.45	86.2	B	6 12 ,,
3	38.257	21.00	85.0	31.65	86.1	B	7 12 ,,
4	38.257	21.03	84.6	31.85	85.9	B	8 12 ,,
5	38.600	21.10	84.3	31.90	85.3	D	9 12 ,,
6	38.463	21.35	83.7	31.90	85.1	D	10 12 ,,
7	38.531	21.30	83.9	32.00	84.8	D	11 12 ,,
8	38.463	21.30	83.7	32.10	84.7	D	Midnight.
9	38.669	21.34	83.3	32.07	84.7	C	1 12 a. m.
10	38.120	21.42	82.9	32.04	84.4	C	2 12 ,,
11	38.394	21.60	82.4	32.06	84.1	C	3 12 ,,
12	37.159	21.69	81.9	32.12	83.7	C	4 12 ,,
13	37.914	21.80	81.6	32.15	83.3	B	5 12 ,,
14	37.777	21.85	81.5	32.30	83.0	B	6 12 ,,
15	38.051	21.95	82.0	32.30	82.7	B	7 12 ,,
16	38.600	22.00	82.5	32.10	83.0	B	8 12 ,,
17	38.326	22.05	83.8	31.60	84.3	D	9 12 ,,
18	37.777	22.00	85.1	31.30	85.1	D	10 12 ,,
19	36.885	21.80	85.8	31.15	86.0	D	11 12 ,,
20	36.885	21.60	86.8	31.10	86.7	D	Noon.
21	37.640	21.26	87.7	31.24	87.8	C	1 12 p. m.
22	38.120	21.05	88.6	31.25	88.4	C	2 12 ,,
23	38.943	20.93	88.8	31.17	89.2	C	3 12 ,,

DAILY OBSERVATIONS, FROM 18TH TO 20TH OCTOBER 1864.

Date. Göttingen Mean Time, 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.	′						h. m.
Oct. 18th-Noon.	39·012	20.84	88°6	31.17	89°2	C	4 12 p. m.
1	38.394	20.65	87.6	31.35	88.8	B	5 12 ,,
2	38.737	20.62	86.8	31.60	87.8	B	6 12 ,,
3	39.080	20.56	86.2	31.70	87.1	B	7 12 ,,
4	38.669	20.75	85.7	31.70	86.7	B	8 12 ,,
5	38.394	21.10	84.5	31.95	86.2	D	9 12 ,,
6	39.012	21.30	84.0	31.90	85.8	D	10 12 ,,
7	38.806	21.40	84.5	31.95	85.7	D	11 12 ,,
8	38.787	21.35	83.8	32.00	85.3	D	Midnight.
9	38.257	21.47	83.8	32.00	85.1	C	1 12 a. m.
10	38.600	21.52	83.4	32.02	84.8	C	2 12 ,,
11	38.531	21.52	82.7	32.04	84.4	C	3 12 ,,
12	37.845	21.73	82.4	32.08	84.1	C	4 12 ,,
13	36.885	21.85	82.4	32.00	83.6	B	5 12 ,,
14	36.885	21.90	82.1	32.20	83.5	B	6 12 ,,
15	38.531	21.80	82.1	32.35	83.2	B	7 12 ,,
16	39.423	21.60	83.2	32.20	83.8	B	8 12 ,,
17	39.629	21.55	84.4	31.80	84.5	D	9 12 ,,
18	38.257	21.70	85.8	31.30	85.8	D	10 12 ,,
19	36.679	21.75	86.9	31.00	86.7	D	11 12 ,,
20	35.993	21.65	87.8	30.90	87.3	D	Noon.
21	36.405	21.24	88.9	30.98	88.9	C	1 12 p. m.
22	37.297	20.95	89.7	31.00	89.5	C	2 12 ,,
23	38.257	20.71	89.7	31.09	89.9	C	3 12 ,,
Oct. 19th-Noon.	38.943	20.47	88.9	31.12	89.9	C	4 12 ,,
1	38.874	20.35	87.5	31.45	88.9	B	5 12 ,,
2	38.669	20.46	86.8	31.70	88.0	B	6 12 ,,
3	38.943	20.62	86.3	31.85	87.5	B	7 12 ,,
4	39.629	20.20	85.7	31.95	87.1	B	8 12 ,,
5	39.629	20.50	85.3	31.90	86.3	D	9 12 ,,
6	39.217	21.20	84.8	32.00	86.1	D	10 12 ,,
7	39.286	21.15	84.4	32.00	85.8	D	11 12 ,,
8	38.943	21.20	83.9	32.00	85.3	D	Midnight.
9	38.257	21.32	84.2	31.94	85.4	C	1 12 a. m.
10	37.845	21.25	83.9	31.98	85.1	C	2 12 ,,
11	38.051	21.40	83.4	32.10	84.6	B	3 12 ,,
12	37.914	21.44	83.1	32.08	84.3	B	4 12 ,,
13	37.571	21.60	82.8	32.30	83.8	D	5 12 ,,
14	38.943	21.45	82.7	32.50	83.8	D	6 12 ,,
15	38.874	21.19	82.9	32.52	83.8	C	7 12 ,,
16	39.835	21.39	84.7	32.47	84.2	C	8 12 ,,
17	39.080	21.60	85.0	32.04	84.5	B	9 12 ,,
18	38.257	21.71	86.0	31.60	85.2	B	10 12 ,,
19	37.571	21.30	87.0	31.35	85.5	D	11 12 ,,
20	37.845	20.70	87.9	31.30	87.0	D	Noon. ,,
21	37.159	20.69	88.0	31.44	87.5	C	1 12 p. m.
22	38.806	20.50	88.2	31.51	88.1	C	2 12 ,,
23	40.658	19.86	88.5	31.60	88.3	B	3 12 ,,
Oct. 20th-Noon.	39.698	19.91	88.1	31.38	88.5	B	4 12 ,,
1	38.257	19.95	87.1	31.35	88.3	D	5 12 ,,
2	39.012	20.45	86.8	31.45	87.5	D	6 12 ,,
3	39.149	20.34	86.2	31.79	87.1	C	7 12 ,,
4	39.149	20.22	85.4	31.99	86.9	C	8 12 ,,
5	38.806	20.62	85.3	31.98	86.6	B	9 12 ,,
6	38.874	21.15	85.3	31.90	86.5	B	10 12 ,,
7	38.326	21.00	84.8	31.92	85.9	D	11 12 ,,
8	38.874	21.04	84.9	32.05	85.8	D	Midnight.
9	37.845	21.19	84.6	32.06	85.5	C	1 12 a. m.
10	37.571	21.36	84.3	32.07	85.4	C	2 12 ,,
11	38.257	21.36	84.0	32.09	85.0	C	3 12 ,,

DAILY OBSERVATIONS, FROM 20TH TO 23RD OCTOBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
OCT. 20TH—12	38'051	21.39	83°8	32.08	84°9	C	4 12 a. m.
13	37.914	21.42	83.8	32.20	84.6	B	5 12 „
14	38.806	21.60	83.5	32.30	84.5	B	6 12 „
15	38.943	21.25	83.1	32.35	84.0	B	7 12 „
16	38.188	21.45	83.3	32.20	83.9	B	8 12 „
17	38.600	21.40	83.8	32.10	84.1	D	9 12 „
18	37.708	21.41	84.8	31.80	84.7	D	10 12 „
19	37.571	21.05	85.7	31.60	85.3	D	11 12 „
20	37.571	21.14	87.0	31.60	86.2	D	Noon.
21	38.394	20.88	87.4	31.68	87.2	C	1 12 p. m.
22	38.600	20.75	88.0	31.71	87.7	C	2 12 „
23	39.012	20.69	88.1	31.66	88.1	C	3 12 „
OCT. 21ST—Noon.	39.286	20.49	87.7	31.58	88.1	C	4 12 „
1	39.355	20.55	87.0	31.62	88.0	B	5 12 „
2	39.698	20.80	86.3	31.70	87.3	B	6 12 „
3	39.217	20.80	85.6	31.90	86.9	B	7 12 „
4	38.669	20.92	85.2	31.90	86.5	B	8 12 „
5	38.257	21.30	84.8	31.95	86.1	D	9 12 „
6	38.257	21.40	84.3	32.10	85.4	D	10 12 „
7	38.600	21.35	83.8	32.15	85.1	D	11 12 „
8	38.257	21.65	83.9	32.10	84.9	D	Midnight.
9	38.737	21.40	83.7	32.07	84.9	C	1 12 a. m.
10	38.326	21.40	83.7	32.16	84.8	C	2 12 „
11	38.257	21.45	83.6	32.18	84.7	C	3 12 „
12	37.640	21.68	83.6	32.22	84.7	C	4 12 „
13	37.845	21.55	83.4	32.25	84.6	B	5 12 „
14	38.120	21.53	83.0	32.55	84.0	B	6 12 „
15	38.669	21.63	83.1	32.40	84.0	B	7 12 „
16	39.355	21.70	84.4	32.15	84.7	B	8 12 „
17	38.531	21.71	85.3	31.75	85.3	D	9 12 „
18	37.571	21.61	86.1	31.60	86.0	D	10 12 „
19	37.159	21.65	86.8	31.60	86.3	D	11 12 „
20	37.502	21.35	87.1	31.80	86.8	D	Noon.
21	37.777	21.19	87.1	31.75	87.3	C	1 12 p. m.
22	38.394	21.04	87.1	31.71	87.8	C	2 12 „
23	39.766	20.74	86.5	31.74	87.8	C	3 12 „
OCT. 23RD—Noon.	38.463	20.75	88.2	31.38	89.0	B	4 12 „
1	37.983	20.84	87.0	31.45	88.4	B	5 12 „
2	37.983	20.90	86.1	31.78	87.6	B	6 12 „
3	38.668	21.30	85.5	31.88	87.0	B	7 12 „
4	38.643	21.16	85.3	31.95	86.6	B	8 12 „
5	38.600	21.35	84.8	32.00	86.0	D	9 12 „
6	38.257	21.40	84.3	32.10	85.7	D	10 12 „
7	38.600	21.60	83.9	32.20	85.3	D	11 12 „
8	38.943	21.85	83.8	32.20	84.8	D	Midnight.
9	39.080	21.83	83.7	32.26	84.7	C	1 12 a. m.
10	38.669	21.71	83.3	32.28	84.6	C	2 12 „
11	38.600	21.78	83.0	32.29	84.3	C	3 12 „
12	38.463	21.78	82.8	32.29	84.1	C	4 12 „
13	38.600	21.70	82.6	32.35	83.6	B	5 12 „
14	38.600	21.79	82.7	32.25	83.6	B	6 12 „
15	38.874	21.75	83.1	32.25	83.8	B	7 12 „
16	38.806	21.95	84.0	32.00	84.0	B	8 12 „
17	38.806	21.91	85.2	31.50	84.9	D	9 12 „
18	37.914	21.91	86.1	31.30	85.3	D	10 12 „
19	37.297	21.85	86.2	31.40	86.1	D	11 12 „
20	37.159	21.75	86.2	31.30	86.5	D	Noon.
21	38.394	21.47	86.3	31.58	86.9	C	1 12 p. m.
22	39.492	20.98	86.4	31.69	87.1	C	2 12 „
23	39.560	20.92	86.7	31.61	87.5	C	3 12 „

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DAILY OBSERVATIONS, FROM 24TH TO 26TH OCTOBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
OCT. 24TH-Noon.	39·286	20.77	86·3	31.58	87·7	C	4 12 p. m.
1	38.669	20.81	85.2	31.60	87.0	B	5 12 „
2	38.326	20.95	84.5	31.75	86·3	B	6 12 „
3	38.463	21.20	84.1	31.75	85.8	B	7 12 „
4	38.600	21.26	83.6	31.80	85.3	B	8 12 „
5	38.943	21.35	83.5	31.90	84.8	D	9 12 „
6	39.012	21.45	83.1	32.00	84.5	D	10 12 „
7	39.286	21.25	83.0	32.10	84.2	D	11 12 „
8	38.943	21.90	82.8	32.10	83.8	D	Midnight.
9	39.217	21.68	82.5	32.09	83.5	C	1 12 a. m.
10	39.080	21.71	82.2	32.06	83.3	C	2 12 „
11	38.463	21.63	81.7	32.13	82.9	C	3 12 „
12	38.326	21.86	81.2	32.16	82.4	C	4 12 „
13	37.914	21.98	81.1	32.30	82.2	B	5 12 „
14	38.188	22.10	80.4	32.40	81.7	B	6 12 „
15	38.600	22.20	80.7	32.60	81.8	B	7 12 „
16	38.257	22.15	82.0	32.40	82.2	B	8 12 „
17	37.571	22.10	83.1	32.30	82.7	D	9 12 „
18	37.228	22.05	84.1	32.00	83.4	D	10 12 „
19	36.542	22.05	85.0	31.85	84.2	D	11 12 „
20	36.885	21.90	85.0	32.00	84.7	D	Noon.
21	37.502	21.75	85.1	32.08	84.8	C	1 12 p. m.
22	37.983	21.67	85.6	31.96	85.6	C	2 12 „
23	38.600	21.60	85.4	31.97	86.0	C	3 12 „
OCT. 25TH-Noon.	38.874	21.46	84.6	31.98	86.0	C	4 12 „
1	38.394	21.54	83.9	31.70	85.0	B	5 12 „
2	38.463	21.40	83.0	31.90	84.1	B	6 12 „
3	38.463	21.40	83.0	32.10	84.0	B	7 12 „
4	38.806	21.50	82.6	32.00	83.9	B	8 12 „
5	38.463	21.65	82.0	32.10	83.2	D	9 12 „
6	38.669	21.80	81.8	32.10	82.9	D	10 12 „
7	38.737	21.85	81.6	32.20	82.6	D	11 12 „
8	38.463	21.80	80.7	32.30	82.0	D	Midnight.
9	38.257	22.25	80.3	32.38	82.0	C	1 12 a. m.
10	38.531	22.25	80.0	32.50	81.6	C	2 12 „
11	38.394	22.35	79.8	32.52	81.2	C	3 12 „
12	38.943	22.27	79.6	32.52	80.9	C	4 12 „
13	38.326	22.20	79.7	32.60	80.6	B	5 12 „
14	38.874	22.20	79.6	32.65	80.5	B	6 12 „
15	39.629	22.30	79.5	32.80	80.1	B	7 12 „
16	39.972	22.30	80.5	32.60	80.5	B	8 12 „
17	39.629	22.35	81.7	32.15	81.4	D	9 12 „
18	38.257	22.39	82.8	31.85	82.0	D	10 12 „
19	37.228	22.35	83.7	31.70	82.8	D	11 12 „
20	37.159	22.21	84.0	31.80	83.2	D	Noon.
21	37.571	22.05	84.1	31.96	83.8	C	1 12 p. m.
22	38.257	21.81	84.3	31.98	84.3	C	2 12 „
23	38.669	21.76	84.4	31.95	84.9	C	3 12 „
OCT. 26TH-Noon.	38.669	21.75	84.2	31.95	85.0	C	4 12 „
1	37.983	21.85	83.0	32.05	84.2	B	5 12 „
2	38.120	21.75	82.3	32.15	83.4	B	6 12 „
3	38.600	21.65	82.1	32.30	83.2	B	7 12 „
4	38.600	21.65	82.1	32.35	83.0	B	8 12 „
5	38.257	21.60	82.0	32.30	82.6	D	9 12 „
6	38.326	21.65	81.8	32.40	82.2	D	10 12 „
7	38.669	21.75	81.1	32.40	81.8	D	11 12 „
8	38.943	21.85	80.9	32.45	81.5	D	Midnight.
9	38.600	21.86	80.5	32.50	81.4	C	1 12 a. m.
10	38.600	22.48	80.0	32.51	81.0	C	2 12 „
11	38.326	22.16	79.5	32.54	80.8	C	3 12 „

DAILY OBSERVATIONS, FROM 26TH TO 28TH OCTOBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
OCT. 26TH—12	38'463	22.21	79°1	32.66	80°3	C	4 12 a. m.
13	38.257	22.35	79.0	32.60	79.9	B	5 12 ,,
14	38.326	22.40	78.5	32.75	79.5	B	6 12 ,,
15	39.080	22.47	78.5	32.88	79.4	B	7 12 ,,
16	38.874	22.50	79.4	32.70	79.7	B	8 12 ,,
17	39.286	22.70	80.5	32.20	80.5	D	9 12 ,,
18	38.463	22.55	82.1	31.85	81.2	D	10 12 ,,
19	38.257	22.30	83.8	31.50	82.3	D	11 12 ,,
20	37.228	22.21	84.4	31.50	83.0	D	Noon.
21	38.120	21.95	85.0	31.68	83.9	C	1 12 p. m.
22	39.423	21.45	85.2	31.72	84.8	C	2 12 ,,
23	39.972	21.15	85.2	31.75	85.3	C	3 12 ,,
OCT. 27TH-Noon.	39.149	20.98	84.8	31.74	85.0	C	4 12 ,,
1	38.394	21.01	84.2	31.65	84.6	B	5 12 ,,
2	38.531	21.24	83.6	31.91	84.5	B	6 12 ,,
3	38.531	21.38	83.5	32.00	84.2	B	7 12 ,,
4	39.286	21.31	83.6	32.15	84.1	B	8 12 ,,
5	38.874	21.25	83.1	32.00	83.8	D	9 12 ,,
6	38.600	21.55	82.9	32.15	83.5	D	10 12 ,,
7	38.669	21.60	82.8	32.20	83.2	D	11 12 ,,
8	38.600	21.69	82.5	32.15	83.1	D	Midnight.
9	38.326	21.84	82.3	32.21	83.1	C	1 12 a. m.
10	38.600	21.85	82.0	32,33	83.0	C	2 12 ,,
11	38.531	21.90	81.7	32.35	82.9	C	3 12 ,,
12	38.394	21.92	81.5	32.39	82.8	C	4 12 ,,
13	38.051	21.95	81.2	32.35	82.4	B	5 12 ,,
14	38.257	22.06	80.9	32.40	82.0	B	6 12 ,,
15	38.257	22.06	81.6	32.40	82.1	B	7 12 ,,
16	38.188	22.20	83.0	32.20	82.6	B	8 12 ,,
17	38.257	22.35	84.2	32.00	83.2	D	9 12 ,,
18	38.531	22.35	85.7	31.70	84.1	D	10 12 ,,
19	37.571	22.31	86.2	31.25	85.2	D	11 12 ,,
20	36.611	21.96	87.3	31.25	86.5	D	Noon.
21	37.297	21.68	87.9	31.28	87.1	C	1 12 p. m.
22	37.502	21.55	88.1	31.30	87.8	C	2 12 ,,
23	37.914	21.31	88.1	31.39	88.1	C	3 12 ,,
OCT. 28TH-Noon.	38.188	21.29	87.3	31.39	88.0	C	4 12 ,,
1	38.257	21.34	86.3	31.70	87.2	B	5 12 ,,
2	38.531	21.29	85.6	31.90	86.6	B	6 12 ,,
3	38.463	21.27	85.5	31.90	86.3	B	7 12 ,,
4	38.463	21.25	85.1	31.90	86.0	B	8 12 ,,
5	38.188	21.59	84.7	32.00	85.3	D	9 12 ,,
6	38.257	21.61	84.5	32.05	85.1	D	10 12 ,,
7	38.257	21.70	84.2	32.05	85.0	D	11 12 ,,
8	38.188	21.79	84.1	32.00	84.9	D	Midnight.
9	38.051	21.79	84.1	31.96	84.8	C	1 12 a. m.
10	38.326	21.77	84.0	31.98	84.7	C	2 12 ,,
11	37.777	22.10	83.6	32.00	84.7	C	3 12 ,,
12	37.571	22.15	83.2	32.00	84.4	C	4 12 ,,
13	37.571	22.25	83.0	32.10	83.8	B	5 12 ,,
14	37.914	22.40	82.7	32.15	83.6	B	6 12 ,,
15	38.394	22.35	83.0	32.35	83.2	B	7 12 ,,
16	39.286	22.50	83.6	32.20	83.5	B	8 12 ,,
17	39.698	22.62	84.3	32.08	84.1	D	9 12 ,,
18	39.286	22.48	85.5	31.70	85.0	C	10 12 ,,
19	37.983	22.27	86.4	31.25	86.0	C	11 12 ,,
20	37.365	21.99	87.4	31.24	86.8	C	Noon.
21	37.502	21.75	87.8	31.20	87.0	D	1 12 p. m.
22	37.914	21.51	88.5	31.20	87.7	D	2 12 ,,
23	37.914	21.39	88.4	31.20	88.1	D	3 12 ,,

DAILY OBSERVATIONS, FROM 31ST OCTOBER TO 2ND NOVEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
OCT. 31ST-Noon.	38943	21.61	87?2	31.48	87?9	C	4 12 p. m.
1	38,463	21.72	85.6	31.46	87.2	C	5 12 „
2	38.257	21.75	84.9	31.75	86.0	B	6 12 „
3	38.188	21.80	84.3	32.00	85.3	B	7 12 „
4	38.257	21.85	84.0	32.05	84.9	B	8 12 „
5	38.669	21.89	83.0	32.10	84.2	D	9 12 „
6	37.914	22.05	82.8	32.20	83.7	D	10 12 „
7	38.600	22.20	82.4	32.20	83.4	D	11 12 „
8	37.983	22.15	81.8	32.30	82.9	D	Midnight.
9	38.463	22.34	81.7	32.39	82.9	C	1 12 a. m.
10	38.463	22.36	81.5	32.37	82.7	C	2 12 „
11	39.217	22.28	81.0	32.46	82.3	C	3 12 „
12	39.149	22.35	81.0	32.55	82.2	C	4 12 „
13	38.669	22.40	80.9	32.55	81.8	B	5 12 „
14	38.051	22.35	80.5	32.50	81.5	B	6 12 „
15	38.737	22.18	80.5	32.75	81.0	B	7 12 „
16	38.874	22.30	81.4	32.60	81.4	B	8 12 „
17	38.257	22.46	82.6	32.15	82.2	D	9 12 „
18	37.228	22.59	83.7	32.00	82.9	D	10 12 „
19	36.611	22.66	84.8	31.78	83.9	D	11 12 „
20	36.611	22.49	85.0	31.65	84.6	D	Noon.
21	36.542	22.21	85.7	31.50	84.9	C	1 12 p. m.
22	36.954	21.85	85.8	31.65	85.2	C	2 12 „
23	37.640	21.61	85.8	31.60	85.9	C	3 12 „
Nov. 1ST-Noon.	38.531	21.49	85.8	31.85	85.8	D	4 12 „
1	38.394	21.57	84.7	31.94	85.8	C	5 12 „
2	37.845	21.56	83.9	32.20	85.1	C	6 12 „
3	38.120	21.77	83.1	32.28	84.3	C	7 12 „
4	38.120	21.85	82.9	32.29	83.9	C	8 12 „
5	38.188	21.85	82.6	32.45	83.5	B	9 12 „
6	38.257	21.90	82.6	32.40	83.1	B	10 12 „
7	38.257	21.89	82.2	32.35	83.0	B	11 12 „
8	38.600	21.85	82.0	32.45	82.7	B	Midnight.
9	38.943	21.90	81.9	32.30	82.5	D	1 12 a. m.
10	38.874	22.10	80.9	32.40	82.1	D	2 12 „
11	37.914	22.30	80.5	32.40	81.7	D	3 12 „
12	38.257	22.50	80.9	32.40	81.3	D	4 12 „
13	38.257	22.40	80.3	32.48	81.3	C	5 12 „
14	37.845	22.46	80.0	32.49	81.2	C	6 12 „
15	37.983	22.50	79.7	32.57	81.0	C	7 12 „
16	39.080	22.53	80.6	32.57	81.0	C	8 12 „
17	37.708	22.70	81.8	32.10	81.4	B	9 12 „
18	36.748	22.80	83.0	31.65	82.1	B	10 12 „
19	35.856	22.70	84.0	31.45	82.9	B	11 12 „
20	36.405	22.12	84.5	31.72	83.5	B	Noon.
21	36.885	21.75	85.0	31.60	83.9	D	1 12 p. m.
22	37.571	21.35	85.6	31.50	84.8	D	2 12 „
23	37.845	21.41	85.2	31.60	85.2	D	3 12 „
Nov 2ND-Noon.	38.257	21.34	85.0	31.60	85.3	D	4 12 „
1	38.394	21.54	84.3	31.86	85.1	C	5 12 „
2	38.051	21.73	83.5	31.98	84.9	C	6 12 „
3	38.257	21.75	83.4	31.98	84.5	C	7 12 „
4	38.326	21.58	83.4	32.07	84.2	C	8 12 „
5	38.463	21.63	83.4	32.05	84.0	B	9 12 „
6	38.394	21.55	83.4	32.15	83.7	B	10 12 „
7	38.669	21.61	83.4	32.15	83.6	B	11 12 „
8	38.806	21.82	83.4	32.25	83.5	B	Midnight.
9	38.669	21.89	83.2	32.20	83.3	D	1 12 a. m.
10	39.355	21.75	82.9	32.20	83.1	D	2 12 „
11	39.072	21.79	82.9	32.25	83.0	D	3 12 „

DAILY OBSERVATIONS, FROM 2ND TO 4TH NOVEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Unorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.	'						h. m.
Nov. 2ND—12	38'874	22.11	82°4	32.30	82°9	D	4 12 a. m.
13	38.120	22.11	82.3	32.70	82.9	C	5 12 „
14	38.120	22.05	81.8	32.07	82.6	C	6 12 „
15	38.874	22.17	81.8	32.28	82.6	C	7 12 „
16	39.012	22.45	82.5	32.50	83.0	C	8 12 „
17	39.492	22.61	83.7	32.15	83.2	B	9 12 „
18	39.080	22.59	84.8	31.70	83.9	B	10 12 „
19	38.188	22.58	85.7	31.50	84.9	B	11 12 „
20	38.394	22.19	86.6	31.55	85.6	B	Noon.
21	38.874	21.79	87.1	31.50	85.9	D	1 12 p. m.
22	38.943	21.71	85.9	31.65	86.1	D	2 12 „
23	38.531	21.81	85.2	31.60	86.3	D	3 12 „
Nov. 3RD-Noon.	38.600	21.75	85.1	31.75	85.3	D	4 12 „
1	38.257	21.76	85.3	31.76	86.0	C	5 12 „
2	37.845	21.73	85.1	31.79	85.8	C	6 12 „
3	38.120	21.69	84.5	31.96	85.4	C	7 12 „
4	38.188	21.65	84.1	31.98	85.0	C	8 12 „
5	38.826	21.61	83.9	32.10	84.6	B	9 12 „
6	38.669	22.75	83.5	32.15	84.3	B	10 12 „
7	38.874	21.81	83.5	32.20	84.0	B	11 12 „
8	38.943	21.93	83.5	32.25	83.8	B	Midnight.
9	38.600	22.11	83.4	32.30	83.5	D	1 12 a. m.
10	38.943	21.95	83.2	32.20	83.4	D	2 12 „
11	38.257	22.09	82.9	32.20	83.2	D	3 12 „
12	38.394	22.29	82.6	32.20	83.0	D	4 12 „
13	37.983	22.24	82.2	32.20	83.0	C	5 12 „
14	37.571	22.25	82.1	32.21	82.8	C	6 12 „
15	37.571	22.40	82.1	32.29	82.6	C	7 12 „
16	38.394	22.62	82.6	32.29	82.8	C	8 12 „
17	38.394	22.62	83.0	32.25	82.8	B	9 12 „
18	38.120	22.73	84.4	31.90	83.4	B	10 12 „
19	37.914	22.71	85.8	31.75	84.5	B	11 12 „
20	38.806	22.35	86.5	31.81	85.3	B	Noon.
21	39.286	22.05	87.4	31.60	86.2	D	1 12 p. m.
22	38.737	21.95	87.9	31.35	86.9	D	2 12 „
23	38.326	21.51	88.1	31.40	87.6	D	3 12 „
Nov. 4TH-Noon.	38.463	21.51	87.9	31.40	87.8	D	4 12 „
1	37.983	21.48	87.3	31.50	87.7	C	5 12 „
2	38.120	21.13	86.3	31.68	87.2	C	6 12 „
3	37.914	21.20	85.8	31.69	86.5	C	7 12 „
4	38.188	21.36	85.1	31.88	86.0	C	8 12 „
5	38.257	21.51	85.0	32.00	85.6	B	9 12 „
6	38.257	21.61	84.7	32.22	85.3	B	10 12 „
7	38.326	21.75	84.3	32.30	85.1	B	11 12 „
8	38.394	21.82	84.2	32.30	84.9	B	Midnight.
9	38.326	21.89	84.2	32.20	84.6	D	1 12 a. m.
10	38.257	21.75	84.2	32.20	84.5	D	2 12 „
11	38.120	21.71	84.1	32.20	84.3	D	3 12 „
12	37.914	21.94	82.0	32.20	84.1	D	4 12 „
13	37.914	21.85	83.7	32.24	84.1	C	5 12 „
14	37.708	21.79	83.1	32.36	84.0	C	6 12 „
15	37.777	22.13	82.4	32.29	83.5	C	7 12 „
16	38.365	22.45	82.7	32.31	83.5	C	8 12 „
17	38.051	22.60	83.0	32.30	83.2	B	9 12 „
18	37.914	22.65	83.5	32.15	83.5	B	10 12 „
19	37.502	22.82	84.0	32.05	84.0	B	11 12 „
20	37.571	22.65	84.2	32.10	84.1	B	Noon.
21	38.188	22.33	84.2	32.10	84.6	D	1 12 p. m.
22	37.914	22.05	84.8	32.00	85.0	D	2 12 „
23	38.188	21.89	85.0	31.90	85.2	D	3 12 „

DAILY OBSERVATIONS, FROM 6TH TO 8TH NOVEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
Nov. 6TH-Noon.	37·983	21.17	88°1	31.60	88°5	B	4 12 p. m.
1	38.120	21.61	87.0	31.80	87.8	B	5 12 ,,
2	38.257	21.68	86.1	31.86	87.2	C	6 12 ,,
3	37.914	21.68	85.6	31.87	86.6	B	7 12 ,,
4	37.914	21.73	85.1	31.96	86.3	C	8 12 ,,
5	38.051	21.70	84.7	32.00	86.0	B	9 12 ,,
6	38.394	21.45	84.7	32.05	85.9	B	10 12 ,,
7	38.943	21.20	84.5	32.18	85.7	B	11 12 ,,
8	38.669	21.44	84.3	32.10	85.4	B	Midnight.
9	38.943	21.69	84.0	32.20	85.1	D	1 12 a. m.
10	38.600	21.75	83.7	32.50	84.9	D	2 12 ,,
11	38.257	21.94	83.2	32.40	84.3	D	3 12 ,,
12	37.983	22.05	83.4	32.40	84.1	D	4 12 ,,
13	38.257	22.15	83.3	32.50	84.1	C	5 12 ,,
14	37.434	22.29	82.9	32.48	84.0	C	6 12 ,,
15	37.434	21.90	83.0	32.44	83.8	C	7 12 ,,
16	37.640	22.54	83.8	32.28	84.2	C	8 12 ,,
17	37.914	22.60	85.0	32.20	84.6	B	9 12 ,,
18	37.571	22.60	86.3	32.00	85.3	B	10 12 ,,
19	37.159	22.40	86.6	31.85	85.8	B	11 12 ,,
20	37.022	22.30	87.0	31.95	86.1	B	Noon.
21	38.394	22.01	87.2	31.90	86.4	D	1 12 p. m.
22	38.257	21.70	87.8	31.80	87.0	D	2 12 ,,
23	38.257	21.51	87.2	31.80	87.3	D	3 12 ,,
Nov. 7TH-Noon.	38.051	21.54	87.0	31.70	87.0	D	4 12 ,,
1	37.983	21.59	86.3	31.88	87.0	C	5 12 ,,
2	38.120	21.48	85.9	31.99	86.6	C	6 12 ,,
3	38.051	21.29	85.6	31.97	86.5	C	7 12 ,,
4	37.983	21.29	85.4	31.84	86.3	C	8 12 ,,
5	38.257	21.41	85.3	31.85	86.0	B	9 12 ,,
6	37.845	21.55	85.1	31.65	85.8	B	10 12 ,,
7	37.983	21.68	84.8	31.55	85.5	B	11 12 ,,
8	37.983	21.71	84.6	31.60	85.5	B	Midnight.
9	37.983	21.81	84.5	31.60	85.3	D	1 12 a. m.
10	37.914	21.75	84.2	32.00	85.1	D	2 12 ,,
11	38.257	21.79	84.2	31.75	85.0	D	3 12 ,,
12	37.571	21.89	83.9	32.20	84.8	D	4 12 ,,
13	37.983	21.91	83.4	32.44	84.7	C	5 12 ,,
14	37.777	21.85	83.4	32.46	84.5	C	6 12 ,,
15	37.571	21.86	83.5	32.46	84.5	C	7 12 ,,
16	37.914	21.91	84.4	32.27	84.9	C	8 12 ,,
17	38.257	22.01	85.4	32.10	85.0	B	9 12 ,,
18	38.531	22.12	86.5	31.90	85.7	B	10 12 ,,
19	37.159	22.22	86.5	31.65	86.1	B	11 12 ,,
20	37.159	21.85	86.8	31.95	86.4	B	Noon.
21	37.571	21.75	87.2	31.80	87.0	D	1 12 p. m.
22	37.571	21.61	87.5	31.65	87.3	D	2 12 ,,
23	37.297	21.49	87.5	31.60	87.8	D	3 12 ,,
Nov. 8TH-Noon.	37.571	21.31	87.1	31.70	87.8	D	4 12 ,,
1	37.777	21.28	86.4	31.71	87.7	C	5 12 ,,
2	37.845	21.38	85.9	31.89	87.4	C	6 12 ,,
3	37.845	21.56	85.7	31.97	87.0	C	7 12 ,,
4	37.914	21.62	85.4	32.00	86.8	C	8 12 ,,
5	37.571	21.61	85.4	32.00	86.5	B	9 12 ,,
6	38.257	21.58	85.2	32.10	86.3	B	10 12 ,,
7	38.188	21.59	85.0	32.20	86.0	B	11 12 ,,
8	37.914	21.64	84.6	32.15	85.8	B	Midnight.
9	37.914	21.65	84.5	32.20	85.3	D	1 12 a. m.
10	37.914	21.80	84.3	32.20	85.1	D	2 12 ,,
11	37.571	21.85	84.0	32.30	84.8	D	3 12 ,,

DAILY OBSERVATIONS, FROM 8TH TO 10TH NOVEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
Nov. 8TH—12	37.571	21.85	83.9	32.30	84.7	D	4 12 a. m.
13	37.571	21.96	83.3	32.30	84.6	C	5 12 „
14	37.365	22.20	83.2	32.27	84.5	C	6 12 „
15	37.228	22.26	83.4	32.22	84.5	C	7 12 „
16	37.777	22.41	84.3	32.20	84.9	C	8 12 „
17	37.777	22.55	85.1	32.10	85.1	B	9 12 „
18	37.571	22.64	86.4	31.90	85.7	B	10 12 „
19	37.091	22.53	87.4	31.65	86.7	B	11 12 „
20	37.159	22.17	88.7	31.60	87.8	B	Noon.
21	38.051	21.71	87.9	31.75	87.9	D	1 12 p. m.
22	37.571	21.69	87.8	31.65	88.0	D	2 12 „
23	38.188	21.51	87.5	31.60	88.1	D	3 12 „
Nov. 9TH-Noon.	37.777	21.49	87.2	31.50	87.9	D	4 12 „
1	37.845	21.65	86.3	31.67	87.9	C	5 12 „
2	37.914	21.61	86.2	31.88	87.5	C	6 12 „
3	37.777	21.62	86.1	31.99	87.2	C	7 12 „
4	38.051	21.56	85.3	32.01	86.8	C	8 12 „
5	38.257	21.55	85.3	32.00	86.5	B	9 12 „
6	38.257	21.50	84.4	32.05	85.7	B	10 12 „
7	38.257	21.55	83.2	32.10	84.7	B	11 12 „
8	38.531	21.80	82.6	32.00	84.2	B	Midnight.
9	38.600	21.95	82.7	32.20	83.7	D	1 12 a. m.
10	37.914	22.20	82.4	32.10	83.2	D	2 12 „
11	37.091	22.40	82.0	32.20	83.1	D	3 12 „
12	37.228	22.20	81.9	32.30	82.8	D	4 12 „
13	36.748	22.51	81.8	32.46	82.8	C	5 12 „
14	36.199	22.53	81.8	32.38	82.8	C	6 12 „
15	36.611	22.57	82.0	32.36	83.0	C	7 12 „
16	36.954	22.61	82.8	32.32	83.2	C	8 12 „
17	36.885	22.80	84.0	32.10	83.5	B	9 12 „
18	36.748	22.84	85.4	31.80	84.4	B	10 12 „
19	36.748	22.88	86.4	31.65	85.5	B	11 12 „
20	37.751	22.30	87.4	31.70	86.3	B	Noon.
21	38.257	21.71	87.9	31.40	87.2	D	1 12 p. m.
22	37.777	21.29	88.2	31.35	87.8	D	2 12 „
23	37.571	20.75	89.0	31.30	88.3	D	3 12 „
Nov. 10TH-Noon.	37.571	20.81	88.9	31.40	88.2	D	4 12 „
1	37.640	21.02	87.9	31.68	88.0	C	5 12 „
2	37.571	21.33	87.1	31.88	87.4	C	6 12 „
3	37.434	21.52	86.3	31.96	87.2	C	7 12 „
4	37.708	21.39	85.8	32.05	86.9	C	8 12 „
5	38.051	21.25	85.5	32.05	86.5	B	9 12 „
6	38.257	21.35	85.0	32.00	86.1	B	10 12 „
7	38.326	21.48	84.6	32.12	85.7	B	11 12 „
8	38.600	21.45	84.3	32.20	85.5	B	Midnight.
9	38.943	21.55	83.8	32.20	84.7	D	1 12 a. m.
10	38.600	21.70	83.7	32.20	84.3	D	2 12 „
11	38.600	21.70	83.2	32.30	84.0	D	3 12 „
12	38.257	21.65	83.0	32.30	83.9	D	4 12 „
13	37.571	21.67	83.0	32.20	83.9	C	5 12 „
14	37.571	21.71	82.8	32.26	83.9	C	6 12 „
15	37.297	21.98	82.5	32.25	83.6	C	7 12 „
16	37.502	22.22	83.2	32.22	84.0	C	8 12 „
17	37.914	22.20	84.3	32.15	84.4	B	9 12 „
18	38.188	22.20	85.7	31.80	85.1	B	10 12 „
19	37.708	22.18	86.9	31.60	86.2	B	11 12 „
20	37.914	22.01	87.3	31.60	86.8	B	Noon.
21	38.257	21.65	87.9	31.60	87.2	D	1 12 p. m.
22	39.286	21.05	88.2	31.75	87.8	D	2 12 „
23	38.943	20.91	87.7	31.70	87.7	D	3 12 „

DAILY OBSERVATIONS, FROM 11TH TO 14TH NOVEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Nov. 11TH-Noon.	38·943	20.69	87°0	31.90	87°3	D	4 12 p. m.
1	38.600	20.55	86.2	32.16	87.1	C	5 12 ,,
2	39.217	19.95	85.8	32.19	86.7	C	6 12 ,,
3	39.972	19.60	85.2	32.41	86.2	C	7 12 ,,
4	39.286	19.56	85.0	32.29	86.0	C	8 12 ,,
5	38.600	19.92	85.0	32.45	85.6	B	9 12 ,,
6	38.737	20.40	84.5	32.36	85.2	B	10 12 ,,
7	38.943	20.80	84.2	32.45	85.1	B	11 12 ,,
8	38.943	21.15	83.7	32.32	84.8	B	Midnight.
9	39.355	21.13	83.5	32.30	84.6	D	1 12 a. m.
10	38.943	21.20	83.5	32.30	84.5	D	2 12 ,,
11	39.080	21.35	83.4	32.30	84.1	D	3 12 ,,
12	38.051	21.47	83.0	32.30	84.0	D	4 12 ,,
13	37.228	21.61	82.8	32.30	83.9	C	5 12 ,,
14	36.542	21.75	82.8	32.25	83.7	C	6 12 ,,
15	36.679	21.95	83.0	32.36	83.9	C	7 12 ,,
16	37.159	21.96	83.8	32.37	84.2	C	8 12 ,,
17	37.914	21.91	85.0	32.15	84.7	B	9 12 ,,
18	38.326	21.83	86.4	31.81	85.6	B	10 12 ,,
19	37.777	21.72	87.5	31.55	86.4	B	11 12 ,,
20	38.257	21.56	88.0	31.50	87.2	B	Noon.
21	39.355	21.61	88.6	31.50	87.8	D	1 12 p. m.
22	39.355	21.39	88.9	31.30	87.8	D	2 12 ,,
23	39.766	21.45	88.5	31.50	88.0	D	3 12 ,,
Nov. 13TH-Noon.	38.326	20.96	87.2	31.67	87.8	C	4 12 ,,
1	38.188	21.19	86.2	31.87	87.2	C	5 12 ,,
2	37.983	21.21	85.3	31.90	86.3	C	6 12 ,,
3	38.463	21.25	84.8	32.00	85.9	C	7 12 ,,
4	38.600	21.15	84.3	32.06	85.4	C	8 12 ,,
5	38.463	21.25	83.9	32.05	85.0	B	9 12 ,,
6	38.943	21.50	83.6	32.10	84.6	B	10 12 ,,
7	38.257	21.65	82.7	32.25	83.9	B	11 12 ,,
8	38.600	21.55	82.5	32.35	83.6	B	Midnight.
9	38.943	21.50	82.6	32.20	83.2	D	1 12 a. m.
10	38.600	21.65	82.0	32.20	83.1	D	2 12 ,,
11	37.914	21.70	81.8	32.10	82.7	D	3 12 ,,
12	37.914	21.65	81.8	32.40	82.6	D	4 12 ,,
13	37.365	21.86	81.6	32.44	82.5	C	5 12 ,,
14	37.571	21.90	81.2	32.45	82.5	C	6 12 ,,
15	37.571	21.96	81.0	32.48	82.2	C	7 12 ,,
16	37.571	22.43	81.2	32.48	82.3	C	8 12 ,,
17	38.051	22.31	82.5	32.30	82.4	B	9 12 ,,
18	37.914	22.15	84.0	31.90	83.4	B	10 12 ,,
19	37.228	22.41	85.5	31.60	84.5	B	11 12 ,,
20	37.914	21.95	86.5	31.70	85.5	B	Noon.
21	39.217	21.55	87.1	31.50	86.4	C	1 12 p. m.
22	39.286	20.85	87.0	31.50	86.3	C	2 12 ,,
23	39.629	20.55	86.7	31.60	86.5	C	3 12 ,,
Nov. 14TH-Noon.	39.355	20.45	85.8	31.70	86.2	D	4 12 ,,
1	40.041	21.04	84.3	31.98	85.9	C	5 12 ,,
2	39.286	21.06	83.5	32.15	85.0	C	6 12 ,,
3	38.943	21.04	83.3	32.16	84.2	C	7 12 ,,
4	38.737	21.19	83.1	32.26	84.0	C	8 12 ,,
5	38.600	21.30	83.0	32.25	83.5	B	9 12 ,,
6	38.531	21.60	82.5	32.30	83.2	B	10 12 ,,
7	38.120	21.95	82.1	32.38	82.6	B	11 12 ,,
8	38.326	22.01	81.5	32.40	82.5	B	Midnight.
9	38.326	22.00	81.3	32.30	82.5	D	1 12 a. m.
10	38.257	22.10	81.0	32.35	82.2	D	2 12 ,,
11	38.257	21.95	80.9	32.40	81.8	D	3 12 ,,

DAILY OBSERVATIONS, FROM 14TH TO 16TH NOVEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.	'						h. m.
Nov. 14TH—12	37.914	22.00	80°8	32.40	81°4	D	4 12 a. m.
13	37.022	22.18	80.4	32.48	81.3	C	5 12 „
14	37.777	22.28	79.7	32.70	81.0	C	6 12 „
15	37.434	22.26	79.8	32.90	80.9	C	7 12 „
16	37.571	22.30	80.5	32.91	80.9	C	8 12 „
17	37.708	22.40	81.5	32.75	81.0	B	9 12 „
18	37.845	22.25	82.4	32.40	81.6	B	10 12 „
19	37.571	22.14	83.5	32.30	82.6	B	11 12 „
20	38.257	21.95	84.5	33.30	83.8	B	Noon.
21	39.012	21.75	85.5	33.20	84.8	D	1 12 p. m.
22	39.629	21.25	86.0	33.00	85.4	D	2 12 „
23	39.972	21.09	87.4	32.80	86.2	D	3 12 „
Nov. 15TH-Noon.	38.874	21.05	87.0	32.90	86.2	D	4 12 „
1	38.943	21.09	86.3	33.18	86.0	C	5 12 „
2	39.355	21.59	84.4	33.30	84.9	C	6 12 „
3	39.149	21.40	83.7	33.45	84.2	C	7 12 „
4	38.874	21.37	83.1	33.58	83.7	C	8 12 „
5	38.806	21.50	82.5	33.55	83.2	B	9 12 „
6	38.051	21.90	81.8	33.75	82.6	B	10 12 „
7	38.394	22.00	81.1	33.75	82.1	B	11 12 „
8	38.600	22.00	81.1	33.85	81.9	B	Midnight.
9	37.777	22.50	80.4	33.90	81.5	D	1 12 a. m.
10	37.571	22.45	80.5	33.90	81.3	D	2 12 „
11	37.914	22.30	80.4	34.00	81.2	D	3 12 „
12	36.885	22.30	80.1	34.00	80.7	D	4 12 „
13	37.228	22.41	79.8	34.00	80.4	C	5 12 „
14	36.885	22.46	79.4	34.08	80.2	C	6 12 „
15	36.816	22.52	79.3	34.14	79.8	C	7 12 „
16	37.297	22.62	79.8	34.16	79.8	C	8 12 „
17	37.571	22.65	80.7	33.78	80.1	B	9 12 „
18	37.708	22.70	82.2	33.50	81.0	B	10 12 „
19	37.228	22.65	83.4	33.22	82.1	B	11 12 „
20	37.571	22.35	84.5	33.15	83.2	B	Noon.
21	37.983	21.95	85.8	33.00	84.3	D	1 12 p. m.
22	38.943	21.50	86.8	33.00	85.7	D	2 12 „
23	38.326	21.30	87.7	32.70	86.5	D	3 12 „
Nov. 16TH-Noon.	38.326	20.95	87.4	32.80	87.0	D	4 12 „
1	39.149	20.89	86.3	32.98	86.3	C	5 12 „
2	38.943	21.28	85.1	33.15	85.3	C	6 12 „
3	38.737	21.49	84.3	33.21	84.8	C	7 12 „
4	38.257	21.45	84.0	33.47	84.6	C	8 12 „
5	38.326	21.60	83.2	33.40	84.0	B	9 12 „
6	38.188	21.85	82.2	33.75	83.1	B	10 12 „
7	38.326	21.91	82.1	33.65	82.7	B	11 12 „
8	38.531	21.95	81.8	33.75	82.6	B	Midnight.
9	37.914	22.10	81.3	33.90	82.3	D	1 12 a. m.
10	37.845	22.31	81.0	33.95	81.9	D	2 12 „
11	38.257	22.45	80.5	34.00	81.3	D	3 12 „
12	38.257	22.15	80.2	34.10	80.9	D	4 12 „
13	38.600	22.14	80.2	34.00	80.9	C	5 12 „
14	37.914	22.20	80.0	33.97	80.8	C	6 12 „
15	37.777	22.39	80.0	33.96	80.5	C	7 12 „
16	37.983	22.70	80.3	33.94	80.8	C	8 12 „
17	38.326	22.84	81.6	33.72	81.4	B	9 12 „
18	37.297	22.91	83.2	33.30	82.4	B	10 12 „
19	36.954	22.51	84.8	33.35	83.3	B	11 12 „
20	36.885	22.09	86.0	33.25	84.5	B	Noon.
21	37.571	21.65	86.9	33.10	85.8	D	1 12 p. m.
22	38.874	21.31	87.9	33.20	86.3	D	2 12 „
23	39.012	21.00	87.4	33.10	86.7	D	3 12 „

DAILY OBSERVATIONS, FROM 17TH TO 20TH NOVEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magne-tometer.	Vertical Force Magneto-meter. Scale Readings Uncorrected.	Thermometer of Vertical Force Magne-tometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Nov. 17TH-Noon.	39·012	21.15	86°8	33.00	86°8	D	4 12 p. m.
1	38.600	21.28	85.6	33.18	86.1	C	5 12 ,,
2	38.874	21.26	85.0	33.37	85.4	C	6 12 ,,
3	38.737	21.25	84.4	33.48	84.9	C	7 12 ,,
4	38.188	21.39	83.9	33.49	84.1	C	8 12 ,,
5	38.120	21.45	83.5	33.55	83.6	B	9 12 ,,
6	38.257	21.60	82.6	33.75	83·3	B	10 12 ,,
7	38.394	21.80	81.8	33.75	82.7	B	11 12 ,,
8	38.257	22.00	81.8	33.75	82.7	B	Midnight.
9	38.669	21.90	81.5	33.90	82.4	D	1 12 a. m.
10	38.943	21.90	80.9	34.00	81.8	D	2 12 ,,
11	38.806	21.80	80.3	34.20	81.1	D	3 12 ,,
12	37.983	21.90	80.0	34.30	80.9	D	4 12 ,,
13	37.571	22.15	79.9	34.26	80.8	C	5 12 ,,
14	37.914	22.15	79.7	34.25	80.5	C	6 12 ,,
15	38.326	22.15	79.8	34.24	80.4	C	7 12 ,,
16	38.394	22.28	80.4	34.06	80.9	C	8 12 ,,
17	38.531	22.50	82.0	33.70	81.2	B	9 12 ,,
18	37.845	22.55	82.6	33.40	82.0	B	10 12 ,,
19	37.914	22.42	83.6	33.25	82.7	B	11 12 ,,
20	37.640	22.39	84.9	33.15	83.8	B	Noon.
21	38.326	22.15	86·0	33.00	85.1	D	1 12 p. m.
22	39.012	21.75	87.2	33.00	86.2	D	2 12 ,,
23	39.149	21.45	87.8	32.80	86.8	D	3 12 ,,
Nov. 18TH-Noon.	39.012	21.39	87.5	32.80	87.3	D	4 12 ,,
1	38.737	21.30	86.4	32.95	87.3	C	5 12 ,,
2	38.874	21.34	85.3	33.00	86.4	C	6 12 ,,
3	38.737	21.36	84.3	33.15	85.6	C	7 12 ,,
4	38.737	21.50	83.5	33.26	84.8	C	8 12 ,,
5	38.943	21.55	82.5	33.40	83.8	B	9 12 ,,
6	38.394	21.80	81.8	33.55	83.2	B	10 12 ,,
7	38.600	21.88	81.6	33.75	82.8	B	11 12 ,,
8	38.257	21.80	81.8	33.85	82.6	B	Midnight.
9	38.394	22.15	81.7	33.90	82.1	D	1 12 a. m.
10	38.188	22.10	81.7	34.00	81.7	D	2 12 ,,
11	37.983	22.20	81.1	34.10	81.3	D	3 12 ,,
12	38.257	22.35	80.7	34.20	81.1	D	4 12 ,,
13	37.945	22.50	80.5	34.04	81.1	C	5 12 ,,
14	38.188	22.51	80.1	34.00	80.9	C	6 12 ,,
15	38.326	22.59	79.6	33.98	80.5	C	7 12 ,,
16	37.983	22.50	80.3	33.99	80.9	C	8 12 ,,
17	38.257	22.70	81.9	33.95	81.0	B	9 12 ,,
18	38.257	22.55	83.2	33.50	81.9	B	10 12 ,,
19	37.502	22.35	84.5	33.10	83.0	B	11 12 ,,
20	37.914	22.10	85.9	33.12	84.0	B	Noon.
21	38.600	21.65	87.0	33.00	85.2	D	1 12 p. m.
22	38.874	21.41	87.7	33.00	86.2	D	2 12 ,,
23	38.806	21.41	87.4	32.80	86.8	D	3 12 ,,
Nov. 20TH-Noon.	38.257	21.05	86.8	33.10	86.7	D	4 12 ,,
1	38.669	21.11	85.8	33.10	85.9	C	5 12 ,,
2	38.874	21.39	84.8	33.37	85.2	C	6 12 ,,
3	38.737	21.44	84.1	33.46	84.8	C	7 12 ,,
4	38.874	21.45	83.8	33.49	84.3	C	8 12 ,,
5	38.806	21.65	83.6	33.55	83.7	B	9 12 ,,
6	38.463	21.85	83.5	33.50	83.6	B	10 12 ,,
7	38.326	21.93	83.1	33.52	83.3	B	11 12 ,,
8	38.463	22.03	82.5	33.70	83.0	B	Midnight.
9	38.188	22.10	82.8	33.70	82.7	D	1 12 a. m.
10	37.983	22.15	82.5	33.80	82.6	D	2 12 ,,
11	37.708	22.09	82.7	33.80	82.7	D	3 12 ,,

DAILY OBSERVATIONS, FROM 20TH TO 22ND NOVEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Nov. 20TH—12	37.571	22.05	82.6	33.90	82.7	D	4 12 a. m.
13	37.228	22.14	82.4	33.85	82.7	C	5 12 ,,
14	37.159	22.24	82.2	33.67	82.6	C	6 12 ,,
15	37.091	22.29	82.2	33.67	82.7	C	7 12 ,,
16	37.571	22.48	82.9	33.76	83.0	C	8 12 ,,
17	37.737	22.51	84.5	33.50	83.3	B	9 12 ,,
18	38.188	22.45	86.1	33.10	84.5	B	10 12 ,,
19	37.708	22.32	87.4	32.80	85.5	B	11 12 ,,
20	37.365	22.03	88.0	32.85	86.1	B	Noon.
21	37.571	21.85	87.9	33.00	86.5	D	1 12 p. m.
22	37.708	21.65	87.5	32.90	86.8	D	2 12 ,,
23	37.571	21.51	87.5	32.70	87.1	D	3 12 ,,
Nov. 21ST—Noon.	37.708	21.25	87.5	32.90	87.1	D	4 12 ,,
1	37.914	21.25	86.4	33.00	86.5	C	5 12 ,,
2	38.051	21.29	85.5	33.06	86.0	C	6 12 ,,
3	38.806	21.30	84.8	33.18	85.5	C	7 12 ,,
4	38.874	21.16	84.2	33.20	84.9	C	8 12 ,,
5	38.463	21.35	84.1	33.35	84.4	B	9 12 ,,
6	38.600	21.55	83.9	33.45	83.6	B	10 12 ,,
7	38.188	21.85	83.0	33.54	83.5	B	11 12 ,,
8	38.463	22.00	83.0	33.52	83.5	B	Midnight.
9	38.669	21.85	82.9	33.60	83.1	D	1 12 a. m.
10	37.914	22.20	82.9	33.60	83.0	D	2 12 ,,
11	38.600	22.00	82.8	33.60	83.0	D	3 12 ,,
12	37.914	22.05	82.3	33.60	82.8	D	4 12 ,,
13	37.777	22.00	82.4	33.67	82.8	C	5 12 ,,
14	37.777	22.10	82.4	33.88	82.7	C	6 12 ,,
15	37.502	22.21	82.2	33.99	82.7	C	7 12 ,,
16	38.188	22.45	82.3	34.04	83.1	C	8 12 ,,
17	38.600	22.51	83.6	34.00	83.1	B	9 12 ,,
18	38.943	22.44	84.1	33.85	83.5	B	10 12 ,,
19	38.051	22.43	84.4	33.60	83.8	B	11 12 ,,
20	38.257	22.34	84.3	33.75	83.7	B	Noon.
21	38.257	22.09	85.7	33.60	84.8	D	1 12 p. m.
22	37.708	21.85	86.2	33.90	85.7	D	2 12 ,,
23	38.120	21.69	86.9	33.20	86.2	D	3 12 ,,
Nov. 22ND—Noon	38.531	21.45	87.1	33.30	86.8	D	4 12 ,,
1	38.120	21.51	86.1	33.38	86.4	C	5 12 ,,
2	38.120	21.61	85.3	33.45	86.0	C	6 12 ,,
3	38.188	21.58	85.0	33.45	85.5	C	7 12 ,,
4	38.463	21.59	84.9	33.48	85.4	C	8 12 ,,
5	38.737	21.57	84.5	33.60	85.0	B	9 12 ,,
6	38.394	21.61	84.1	33.55	84.6	B	10 12 ,,
7	38.531	21.69	84.0	33.60	84.6	B	11 12 ,,
8	38.531	21.73	83.6	33.65	84.4	B	Midnight.
9	38.463	21.80	83.8	33.70	84.2	D	1 12 a. m.
10	38.051	21.85	83.5	33.60	83.9	D	2 12 ,,
11	38.051	21.89	83.4	33.60	83.7	D	3 12 ,,
12	37.914	21.85	83.0	33.80	83.5	D	4 12 ,,
13	37.708	21.98	82.8	33.75	83.4	C	5 12 ,,
14	37.640	22.04	82.4	33.86	83.2	C	6 12 ,,
15	37.914	22.04	82.4	33.98	83.1	C	7 12 ,,
16	38.669	22.19	83.2	34.00	83.2	C	8 12 ,,
17	39.286	22.24	84.6	33.70	83.9	B	9 12 ,,
18	39.286	22.28	86.0	33.30	84.6	B	10 12 ,,
19	38.669	22.24	86.8	33.00	85.4	B	11 12 ,,
20	38.257	21.91	88.0	32.85	86.4	B	Noon.
21	38.600	21.69	88.8	32.90	87.1	D	1 12 p. m.
22	38.600	21.65	88.0	33.00	87.3	D	2 12 ,,
23	38.394	21.49	87.8	33.00	87.5	D	3 12 ,,

DAILY OBSERVATIONS, FROM 23RD TO 25TH NOVEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
Nov. 23RD-Noon.	38·257	21.41	87·1	33.10	87·8	D	4 12 p. m.
1	37.983	21.55	86.0	33.20	87.3	C	5 12 ,,
2	37.914	21.47	85.3	33.38	86.5	C	6 12 ,,
3	38.051	21.59	84.9	33.46	85.9	C	7 12 ,,
4	37.914	21.67	84.4	33.47	85.6	C	8 12 ,,
5	38.051	21.78	84.4	33.50	85.3	B	9 12 ,,
6	38.051	21.81	84.0	33.55	85.0	B	10 12 ,,
7	38.188	21.85	83.5	33.55	84.5	B	11 12 ,,
8	37.983	21.90	83.2	33.55	84.1	B	Midnight.
9	37.983	21.95	83.1	33.60	83.8	D	1 12 a. m.
10	38.257	22.00	82.8	33.70	83.2	D	2 12 ,,
11	37.845	22.00	82.8	33.80	83.1	D	3 12 ,,
12	38.257	22.15	82.3	33.80	83.1	D	4 12 ,,
13	37.502	22.28	82.3	33.76	83.1	C	5 12 ,,
14	37.297	22.30	82.3	33.78	83.1	C	6 12 ,,
15	37.365	22.41	82.6	33.95	83.2	C	7 12 ,,
16	38.531	22.45	83.2	33.96	83.4	G	8 12 ,,
17	39.355	22.54	84.4	33.50	83.5	B	9 12 ,,
18	39.149	22.71	85.5	33.24	84.4	B	10 12 ,,
19	38.806	22.58	86.5	32.95	85.5	B	11 12 ,,
20	38.326	22.31	87.6	32.75	86.3	B	Noon.
21	38.737	21.85	88.8	32.70	87.2	D	1 12 p. m.
22	38.669	21.75	88.3	32.75	87.3	D	2 12 ,,
23	38.669	21.61	87.8	32.90	87.5	D	3 12 ,,
Nov. 24TH-Noon.	38.394	21.49	87.0	33.00	87.4	D	4 12 ,,
1	38.943	21.51	86.1	33.10	87.2	C	5 12 ,,
2	38.463	21.65	85.3	33.36	86.6	C	6 12 ,,
3	38.188	21.61	85.0	33.48	86.1	C	7 12 ,,
4	38.463	21.60	84.7	33.50	85.7	C	8 12 ,,
5	38.531	21.75	84.5	33.55	85.2	B	9 12 ,,
6	38.012	21.73	84.0	33.55	84.8	B	10 12 ,,
7	38.943	21.90	83.2	33.75	84.5	B	11 12 ,,
8	38.257	22.00	83.4	33.75	84.4	B	Midnight.
9	38.943	21.90	83.1	33.80	84.3	D	1 12 a. m.
10	38.257	22.05	82.8	33.80	84.0	D	2 12 ,,
11	37.983	22.55	82.1	33.90	83.4	D	3 12 ,,
12	37.640	22.50	82.3	33.90	82.9	D	4 12 ,,
13	37.434	22.50	82.1	33.98	83.0	C	5 12 ,,
14	37.708	22.48	82.0	33.99	83.0	C	6 12 ,,
15	37.571	22.56	82.0	34.00	82.9	C	7 12 ,,
16	38.188	22.56	82.7	34.02	83.3	C	8 12 ,,
17	37.983	22.65	83.8	33.70	83.3	B	9 12 ,,
18	37.297	22.54	85.1	33.20	83.9	B	10 12 ,,
19	37.159	22.46	86.1	33.00	84.8	B	11 12 ,,
20	37.297	22.49	86.5	33.22	85.5	B	Noon. ,,
21	37.845	22.31	87.1	33.30	86.0	D	1 12 p. m.
22	37.914	22.30	87.2	33.20	86.3	D	2 12 ,,
23	37.983	22.21	87.2	33.10	86.8	D	3 12 ,,
Nov. 25TH-Noon.	37.983	21.91	86.8	33.20	87.2	D	4 12 ,,
1	38.257	21.81	85.7	33.30	86.7	C	5 12 ,,
2	38.669	21.49	84.9	33.47	85.7	C	6 12 ,,
3	38.669	21.37	84.1	33.49	85.2	C	7 12 ,,
4	38.600	21.45	83.7	33.51	84.8	C	8 12 ,,
5	38.257	21.60	83.2	33.55	84.3	B	9 12 ,,
6	38.394	21.70	82.6	33.68	83.7	B	10 12 ,,
7	38.669	21.50	82.2	33.85	83.0	B	11 12 ,,
8	39.286	21.65	81.6	34.00	82.5	B	Midnight.
9	39.286	22.15	81.6	33.90	82.3	D	1 12 a. m.
10	39.217	22.05	81.2	34.10	82.1	D	2 12 ,,
11	38.943	22.10	80.6	34.16	81.9	C	3 12 ,,

DAILY OBSERVATIONS, FROM 25TH TO 28TH NOVEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Nov. 25TH—12	38·394	22.23	79·9	34.22	81·2	C	4 12 a. m.
13	38.051	22.40	79.6	33.80	80.6	B	5 12 „
14	37.983	22.55	79.5	33.80	80·5	B	6 12 „
15	37.502	22.55	79.6	33.90	80.6	D	7 12 „
16	38.257	22.80	79.8	34.00	80.7	D	8 12 „
17	37.571	22.86	81.2	33.88	81.1	C	9 12 „
18	37.571	22.73	82·9	33.49	82.1	C	10 12 „
19	37.434	22.56	84.0	33.14	82.8	B	11 12 „
20	37.640	22.42	84.3	33.10	83.3	B	Noon.
21	38.394	22.24	85.1	33.10	83.8	D	1 12 p. m.
22	38.669	22.01	85.2	33.00	84.5	D	2 12 „
23	38.394	21.87	85.2	32.94	85.2	C	3 12 „
Nov. 26TH—Noon.	37.914	21.81	85.0	32.91	85.3	C	4 12 „
1	38.257	21.91	83.6	33.05	84.5	B	5 12 „
2	38.806	22.05	83.0	33.25	83.7	B	6 12 „
3	38.669	22.05	82.7	33.10	83.1	D	7 12 „
4	38.463	22.00	82.3	33.15	82.8	D	8 12 „
5	38.874	21.99	81.9	33.18	82.7	C	9 12 „
6	38.669	22.16	81.0	33.28	82.2	C	10 12 „
7	38.669	22.35	80.6	33.42	81.6	B	11 12 „
8	38.669	22.26	80.5	33.52	81.3	B	Midnight.
9	38.943	22.70	80.0	33.52	81.2	D	1 12 a. m.
10	38.600	22.70	79.4	33.60	80.7	D	2 12 „
11	38.257	22.70	79.1	33.60	80.1	D	3 12 „
12	37.914	22.75	78.4	33.70	79.6	D	4 12 „
13	37.983	22.95	78.3	33.71	79.4	C	5 12 „
14	38.188	23.11	78.0	33.79	79.2	C	6 12 „
15	37.434	23.06	79.0	33.88	79.5	C	7 12 „
16	38.257	22.95	80.1	33.96	80.0	C	8 12 „
17	39.080	23.00	81.3	33.55	80.2	B	9 12 „
18	38.943	22.83	82.6	33.35	81.2	B	10 12 „
19	38.737	22.65	83.8	33.10	81.8	B	11 12 „
20	38.806	22.51	84.9	33.00	83.0	B	Noon.
21	39.766	22.09	85.2	33.00	83.7	D	1 12 p. m.
22	39.629	21.91	85.8	32.65	84.3	D	2 12 „
23	38.600	21.74	86·0	32.50	85.1	D	3 12 „
Nov. 28TH—Noon.	38.120	22.01	86.1	32.70	85.6	B	4 12 „
1	37.914	21.97	85.4	32.97	85.2	C	5 12 „
2	38.051	22.06	84.6	33.08	84.7	C	6 12 „
3	38.188	22.10	83.6	33.11	84.2	C	7 12 „
4	38.188	22.15	83.1	33.11	83.8	C	8 12 „
5	38.463	22.15	82.2	33.25	83.3	B	9 12 „
6	38.188	22.25	81.5	33.25	82.7	B	10 12 „
7	37.914	22.26	81.4	33.40	82.5	B	11 12 „
8	38.326	22.40	81.4	33.75	82.3	B	Midnight.
9	38.943	22.15	81.4	33.70	82.1	D	1 12 a. m.
10	38.600	22.45	81.8	33.80	81.8	D	2 12 „
11	38.257	22.35	81.8	33.90	81.5	D	3 12 „
12	37.914	22.40	81.8	33.80	81.2	D	4 12 „
13	37.640	22.55	81.8	33.75	81.4	C	5 12 „
14	37.571	22.60	81.3	33.80	81.3	C	6 12 „
15	36.954	22.66	81.2	33.90	81.3	C	7 12 „
16	37.297	22.84	81.2	33.92	81.3	C	8 12 „
17	38.257	22.94	82.2	33.75	81.5	D	9 12 „
18	38.943	22.89	82.5	33.50	81.9	B	10 12 „
19	38.531	22.75	82.7	33.38	82.3	B	11 12 „
20	38.188	22.54	83.1	33.40	82.5	B	Noon.
21	37.914	22.35	83.2	33.20	82.8	D	1 12 p. m.
22	37.228	22.35	83.0	33.20	83.1	D	2 12 „
23	36.885	22.29	83.2	33.40	83.1	D	3 12 „

DAILY OBSERVATIONS, FROM 29TH NOVEMBER TO 1ST DECEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
Nov. 29TH-Noon.	37·297	22.23	83·4	33.30	83·4	D	4 12 p. m.
1	37.571	22.19	82.7	33.39	83.3	C	5 12 ,,
2	37.434	22.35	82.2	33.46	83.2	C	6 12 ,,
3	37.571	22.37	81.4	33.64	82.2	C	7 12 ,,
4	37.365	22.39	81.2	33.69	82.0	C	8 12 ,,
5	37.777	22.41	81.1	33.75	81.6	B	9 12 ,,
6	37.571	22.49	81.0	33.75	81.5	B	10 12 ,,
7	37.434	22.53	80.6	33.90	81.4	B	11 12 ,,
8	37.777	22.55	80.7	33.95	81.4	B	Midnight.
9	37.571	22.59	80.8	34.00	81.2	D	1 12 a. m.
10	37.640	22.60	80.8	34.00	81.0	D	2 12 ,,
11	37.571	22.65	80.5	34.00	81.0	D	3 12 ,,
12	37.571	22.65	80.3	34.10	80.8	D	4 12 ,,
13	37.022	22.71	80.3	33.91	80.7	C	5 12 ,,
14	36.954	22.75	80.2	33.90	80.6	C	6 12 ,,
15	37.365	22.86	79.7	33.98	80.5	C	7 12 ,,
16	37.705	23.10	79.2	34.01	80.2	C	8 12 ,,
17	38.531	23.20	80.0	34.00	80.2	B	9 12 ,,
18	38.874	23.30	80.8	33.40	80.7	B	10 12 ,,
19	38.257	23.20	81.9	33.25	81.3	B	11 12 ,,
20	38.188	22.97	82.5	33.35	81.8	B	Noon.
21	38.806	22.75	83.0	33.30	82.3	D	1 12 p. m.
22	37.571	22.55	83.0	33.20	82.5	D	2 12 ,,
23	37.571	22.45	82.9	33.30	82.8	D	3 12 ,,
Nov. 30TH-Noon.	37.640	22.39	82.7	33.50	82.8	D	4 12 ,,
1	37.777	22.56	82.4	33.50	82.8	C	5 12 ,,
2	37.914	22.56	82.0	33.55	82.4	C	6 12 ,,
3	37.845	22.51	81.8	33.62	82.2	C	7 12 ,,
4	37.845	22.59	81.2	33.67	82.0	C	8 12 ,,
5	37.983	22.31	80.5	33.90	81.6	B	9 12 ,,
6	38.600	22.15	80.5	33.94	81.4	B	10 12 ,,
7	38.943	21.55	80.5	33.95	81.2	B	11 12 ,,
8	39.149	21.90	80.1	34.00	80.8	B	Midnight.
9	39.286	21.80	79.9	34.00	80.3	D	1 12 a. m.
10	38.806	22.25	79.8	34.10	80.1	D	2 12 ,,
11	38.394	22.45	79.4	34.10	80.0	D	3 12 ,,
12	37.571	22.40	79.2	34.10	79.8	D	4 12 ,,
13	37.297	22.48	79.0	34.06	79.5	C	5 12 ,,
14	37.159	22.57	78.8	34.02	79.4	C	6 12 ,,
15	36.816	22.95	78.2	34.08	79.0	C	7 12 ,,
16	37.571	23.05	78.8	34.19	79.0	C	8 12 ,,
17	37.571	23.11	80.2	34.20	79.5	B	9 12 ,,
18	37.983	23.05	81.5	33.95	80.5	B	10 12 ,,
19	37.983	22.88	82.6	33.75	81.1	B	11 12 ,,
20	38.394	22.63	83.6	33.70	81.9	B	Noon.
21	39.149	22.35	84.8	33.50	82.7	D	1 12 p. m.
22	39.903	22.05	84.8	33.20	83.2	D	2 12 ,,
23	39.423	21.91	84.4	33.20	83.4	D	3 12 ,,
DEC. 1ST-Noon.	38.257	21.79	84.2	33.10	83.8	D	4 12 ,,
1	37.914	21.85	83.1	33.40	83.2	D	5 12 ,,
2	38.188	21.89	82.6	33.50	82.8	D	6 12 ,,
3	38.257	21.90	82.0	33.70	82.3	D	7 12 ,,
4	37.983	21.75	81.7	33.70	81.9	D	8 12 ,,
5	37.983	21.84	81.2	33.75	81.8	C	9 12 ,,
6	38.257	21.85	80.6	33.77	81.4	C	10 12 ,,
7	37.640	22.06	80.2	33.84	81.2	C	11 12 ,,
8	38.257	22.18	80.0	33.90	81.0	C	Midnight.
9	38.257	22.35	79.8	33.95	80.6	B	1 12 a. m.
10	37.983	22.45	79.5	33.95	80.3	B	2 12 ,,
11	38.120	22.65	79.7	33.90	80.3	B	3 12 ,,

DAILY OBSERVATIONS, FROM 1ST TO 4TH DECEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Dec. 1st—12	37·640	22.60	79°9	33.92	80°3	B	4 12 a. m.
13	37.502	22.70	79.3	34.00	80.0	D	5 12 ,,
14	36.288	23.05	79.0	34.00	79.9	D	6 12 ,,
15	36.130	23.10	78.8	34.10	79.3	D	7 12 ,,
16	36.542	23.25	79.8	34.30	79.8	D	8 12 ,,
17	37.091	23.18	81.0	33.90	80.4	C	9 12 ,,
18	37.571	23.00	82.0	33.82	81.2	C	10 12 ,,
19	37.228	23.00	83.0	33.66	82.0	C	11 12 ,,
20	37.640	22.69	84.4	33.39	83.0	C	Noon.
21	38.394	22.22	85.1	33.25	83.5	B	1 12 p. m.
22	38.531	21.93	85.1	33.10	83.9	B	2 12 ,,
23	38.188	21.81	84.9	33.00	84.3	B	3 12 ,,
Dec. 2nd-Noon.	37.640	21.86	84.5	33.12	84.5	B	4 12 ,,
1	38.051	21.96	83.1	33.30	84.3	D	5 12 ,,
2	38.188	21.90	82.8	33.50	83.4	D	6 12 ,,
3	37.777	21.85	82.2	33.70	82.8	D	7 12 ,,
4	37.983	21.70	81.9	33.80	82.2	D	8 12 ,,
5	38.531	22.25	81.5	33.96	82.1	C	9 12 ,,
6	38.257	22.03	81.1	33.99	81.9	C	10 12 ,,
7	38.257	22.04	80.9	34.01	81.7	C	11 12 ,,
8	37.983	22.45	80.4	34.02	81.3	C	Midnight.
9	38.394	22.50	80.0	33.95	80.8	B	1 12 a. m.
10	38.600	22.40	80.2	33.90	80.8	B	2 12 ,,
11	38.531	22.44	80.1	33.90	80.6	B	3 12 ,,
12	38.188	22.40	80.0	33.90	80.6	B	4 12 ,,
13	37.845	22.60	79.7	34.10	80.3	D	5 12 ,,
14	37.914	22.65	79.6	34.20	80.1	D	6 12 ,,
15	37.228	22.75	79.8	34.15	79.8	D	7 12 ,,
16	37.434	22.70	80.3	34.25	80.1	D	8 12 ,,
17	37.640	22.86	81.2	34.19	80.8	C	9 12 ,,
18	37.845	22.88	82.5	34.08	82.0	C	10 12 ,,
19	37.502	23.04	83.7	33.65	82.6	C	11 12 ,,
20	37.777	22.59	84.7	33.44	83.2	C	Noon.
21	38.120	22.28	85.4	33.30	83.6	B	1 12 p. m.
22	38.669	22.23	85.7	33.25	84.5	B	2 12 ,,
23	38.874	21.94	85.6	33.20	85.0	B	3 12 ,,
Dec. 4th-Noon.	37.914	22.01	86.1	33.20	86.2	C	4 12 ,,
1	38.051	21.96	84.8	33.28	85.6	C	5 12 ,,
2	38.257	21.97	84.0	33.50	85.0	D	6 12 ,,
3	38.257	21.95	83.4	33.68	84.2	D	7 12 ,,
4	38.669	21.75	83.0	33.88	83.7	D	8 12 ,,
5	38.463	21.60	82.8	33.85	82.9	C	9 12 ,,
6	38.531	21.75	81.9	33.90	82.5	C	10 12 ,,
7	38.394	22.65	81.2	34.00	82.1	C	11 12 ,,
8	38.531	22.25	81.4	34.00	81.8	C	Midnight.
9	38.326	22.35	81.4	33.95	81.8	B	1 12 a. m.
10	38.120	22.45	81.2	34.00	81.8	B	2 12 ,,
11	37.914	22.50	81.1	34.00	81.5	B	3 12 ,,
12	37.777	22.40	81.1	34.00	81.5	B	4 12 ,,
13	37.571	22.50	80.8	34.10	81.2	D	5 12 ,,
14	36.611	22.50	80.2	34.15	80.8	D	6 12 ,,
15	37.365	22.60	80.1	34.30	80.7	D	7 12 ,,
16	37.571	22.55	81.0	34.10	80.8	D	8 12 ,,
17	38.188	22.58	82.3	33.89	82.0	C	9 12 ,,
18	38.051	22.45	83.3	33.62	82.5	C	10 12 ,,
19	37.434	22.43	84.3	33.45	83.2	C	11 12 ,,
20	38.120	22.29	85.2	33.32	84.2	C	Noon.
21	38.669	22.21	85.9	33.10	84.5	B	1 12 p. m.
22	38.120	22.21	86.0	33.00	85.0	B	2 12 ,,
23	37.845	22.20	86.0	33.00	85.4	B	3 12 ,,

DAILY OBSERVATIONS, FROM 5TH TO 7TH DECEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizonal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observer.	Date. Bombay Civil Time. 1864.
h.							h. m.
Dec. 5th-Noon.	37.983	21.98	85.7	33.20	85.4	B	4 12 p. m.
1	37.983	22.01	84.4	33.30	84.9	D	5 12 ,,
2	37.914	22.05	84.0	33.40	84.1	D	6 12 ,,
3	37.914	22.10	83.5	33.40	83.7	D	7 12 ,,
4	37.914	22.15	83.0	33.60	83.2	D	8 12 ,,
5	38.600	21.96	82.4	33.75	83.1	C	9 12 ,,
6	39.012	21.81	81.8	33.90	82.8	C	10 12 ,,
7	38.257	21.85	81.3	33.90	82.2	C	11 12 ,,
8	38.806	22.03	81.0	33.94	81.9	C	Midnight.
9	38.600	22.11	81.0	33.95	81.6	B	1 12 a. m.
10	38.257	22.21	80.9	33.90	81.5	B	2 12 ,,
11	37.777	22.30	80.9	33.85	81.5	B	3 12 ,,
12	37.777	22.41	80.5	33.80	81.2	B	4 12 ,,
13	37.159	22.65	80.1	33.85	80.9	D	5 12 ,,
14	36.954	22.65	80.0	33.90	80.4	D	6 12 ,,
15	36.885	23.00	79.8	34.00	80.0	D	7 12 ,,
16	36.473	22.95	80.7	34.00	80.5	D	8 12 ,,
17	37.845	23.00	81.8	33.95	81.4	C	9 12 ,,
18	38.463	22.69	83.2	33.88	82.3	C	10 12 ,,
19	38.394	22.60	84.1	33.59	83.0	C	11 12 ,,
20	37.571	22.45	85.0	33.33	83.8	C	Noon.
21	37.983	22.21	85.6	33.10	84.3	B	1 12 p. m.
22	37.983	22.19	87.0	33.00	85.3	B	2 12 ,,
23	37.845	21.97	86.6	32.92	85.5	B	3 12 ,,
Dec. 6th-Noon.	37.845	21.91	86.2	33.00	85.6	B	4 12 ,,
1	38.257	21.91	85.0	33.30	85.1	D	5 12 ,,
2	38.188	21.85	84.2	33.35	84.3	D	6 12 ,,
3	38.120	21.80	83.4	33.50	83.7	D	7 12 ,,
4	37.914	22.05	82.9	33.60	83.2	D	8 12 ,,
5	37.845	22.13	82.4	33.68	83.0	C	9 12 ,,
6	38.257	22.25	81.6	33.88	82.5	C	10 12 ,,
7	37.845	22.30	81.0	33.97	82.0	C	11 12 ,,
8	37.777	22.45	81.0	33.99	81.9	C	Midnight.
9	38.531	22.50	81.0	33.95	81.5	B	1 12 a. m.
10	38.051	22.53	80.7	33.95	81.5	B	2 12 ,,
11	37.914	22.48	80.5	33.92	81.5	B	3 12 ,,
12	37.640	22.60	80.4	33.95	81.4	B	4 12 ,,
13	37.571	23.00	80.1	34.00	80.6	D	5 12 ,,
14	37.228	23.00	80.0	34.10	80.4	D	6 12 ,,
15	36.816	23.05	79.9	34.15	80.3	D	7 12 ,,
16	36.542	23.00	80.7	34.15	80.7	D	8 12 ,,
17	36.885	23.05	81.8	33.97	81.3	C	9 12 ,,
18	36.885	22.76	83.1	33.70	82.0	C	10 12 ,,
19	36.954	22.56	84.5	33.57	83.0	C	11 12 ,,
20	37.502	22.42	85.1	33.57	83.7	C	Noon.
21	37.434	22.41	85.6	33.40	84.2	B	1 12 p. m.
22	37.571	22.28	86.4	33.15	85.1	B	2 12 ,,
23	37.297	22.02	87.3	33.00	85.7	B	3 12 ,,
Dec. 7th-Noon.	37.434	22.01	86.5	33.25	85.6	B	4 12 ,,
1	37.845	22.16	85.5	33.50	85.2	D	5 12 ,,
2	38.188	22.19	84.7	33.50	84.5	D	6 12 ,,
3	38.257	22.11	84.0	33.60	83.8	D	7 12 ,,
4	38.051	22.20	83.3	33.70	83.4	D	8 12 ,,
5	38.051	22.28	82.6	33.78	83.2	C	9 12 ,,
6	38.188	22.30	81.7	33.85	82.6	C	10 12 ,,
7	38.051	22.36	81.3	33.85	82.2	C	11 12 ,,
8	38.257	22.48	81.3	33.88	82.2	C	Midnight.
9	38.188	22.53	81.1	33.85	80.7	B	1 12 a. m.
10	37.571	22.60	81.1	33.85	80.5	B	2 12 ,,
11	37.914	22.71	80.7	33.95	81.3	B	3 12 ,,

DAILY OBSERVATIONS, FROM 7TH TO 8TH DECEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
DEC. 7TH—12	37'502	22.85	80°3	33.95	80°8	B	4 12 a. m.
13	37.571	23.00	80.2	34.00	80.4	D	5 12 „
14	37.228	22.95	80.0	34.20	80.2	D	6 12 „
15	36.954	23.35	80.1	34.20	80.1	D	7 12 „
16	36.542	23.25	80.6	34.15	80.7	D	8 12 „
17	37.434	22.94	82.2	33.96	81.6	C	9 12 „
18	37.777	22.85	84.0	33.74	82.6	C	10 12 „
19	37.708	22.45	85.6	33.46	83.7	C	11 12 „
20	38.188	21.69	86.5	33.49	84.3	C	Noon.
21	38.120	21.64	86.9	33.30	85.2	B	1 12 p. m.
22	37.983	21.62	87.5	33.15	86.1	B	2 12 „
23	38.257	21.51	88.0	33.05	86.9	B	3 12 „
DEC. 8TH-Noon.	39.012	21.31	88.0	33.25	86.9	B	4 12 „
1	38.326	21.15	86.9	33.30	86.8	D	5 12 „
2	38.326	21.40	85.7	33.40	85.7	D	6 12 „
3	38.669	21.40	84.8	33.65	84.8	D	7 12 „
4	38.394	21.35	83.8	33.75	84.3	D	8 12 „
5	39.492	21.65	83.2	33.90	84.0	C	9 12 „
6	39.012	21.91	82.4	33.78	83.2	C	10 12 „
7	38.600	21.95	82.0	33.84	83.0	C	11 12 „
8	38.120	22.15	82.2	33.90	83.0	C	Midnight.
9	38.051	22.30	82.2	33.85	82.6	B	1 12 a. m.
10	38.257	22.15	82.2	33.95	82.5	B	2 12 „
11	37.914	22.35	82.1	33.95	82.5	B	3 12 „
12	37.640	22.20	81.9	33.85	82.4	B	4 12 „
13	37.571	22.30	81.8	33.90	82.1	D	5 12 „
14	37.297	22.45	81.2	33.80	81.8	D	6 12 „
15	37.228	22.60	81.1	33.95	81.9	D	7 12 „
16	37.708	22.45	82.0	34.00	82.1	D	8 12 „
17	38.257	22.36	83.0	33.91	82.6	C	9 12 „
18	38.394	22.29	84.1	33.70	83.3	C	10 12 „
19	38.394	22.16	85.2	33.50	84.0	C	11 12 „
20	39.012	22.01	86.6	33.37	85.0	C	Noon.
21	38.806	21.89	86.9	33.30	85.4	B	1 12 p. m.
22	38.669	21.77	87.5	33.15	85.8	B	2 12 „
23	38.257	21.68	87.4	33.12	86.5	B	3 12 „
DEC. 9TH-Noon.	38.531	21.59	86.6	33.25	86.4	B	4 12 „
1	38.257	21.81	85.8	33.30	86.2	D	5 12 „
2	38.257	21.75	85.0	33.50	85.7	D	6 12 „
3	38.874	21.05	84.3	33.80	84.6	D	7 12 „
4	38.531	21.60	83.7	33.70	84.1	D	8 12 „
5	38.257	21.70	83.0	33.68	83.7	C	9 12 „
6	39.766	21.30	82.6	33.79	83.2	C	10 12 „
7	38.806	21.70	82.0	33.85	83.0	C	11 12 „
8	38.326	21.98	81.3	33.92	82.4	C	Midnight.
9	38.051	21.90	81.0	33.95	82.0	B	1 12 a. m.
10	37.845	22.15	80.5	33.95	81.6	B	2 12 „
11	37.640	22.35	80.5	33.90	81.5	B	3 12 „
12	37.571	22.18	80.4	33.92	81.2	B	4 12 „
13	37.297	22.40	80.1	34.00	80.9	D	5 12 „
14	37.228	22.30	80.0	34.10	80.9	D	6 12 „
15	37.914	22.55	80.0	34.30	80.8	D	7 12 „
16	38.600	22.45	81.0	34.10	81.1	D	8 12 „
17	38.600	22.47	82.1	33.97	82.1	C	9 12 „
18	38.531	22.37	83.8	33.95	83.1	C	10 12 „
19	38.188	22.25	85.1	33.50	83.8	C	11 12 „
20	38.394	21.99	86.1	33.27	84.6	C	Noon.
21	38.804	21.81	86.6	32.80	85.0	B	1 12 p. m.
22	38.669	21.69	87.5	32.75	86.0	B	2 12 „
23	38.394	21.36	87.5	32.95	86.4	B	3 12 „

DAILY OBSERVATIONS, FROM 11TH TO 13TH DECEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Dec. 11th-Noon.	38·943	21.75	85°1	33.30	85°7	D	4 12 p. m.
1	39.012	21.71	84.0	33.50	84.3	D	5 12 „
2	38.600	21.81	83.3	33.65	83.8	D	6 12 „
3	38.669	21.84	82.8	33.70	83.1	D	7 12 „
4	38.600	21.90	82.4	33.80	82.8	D	8 12 „
5	38.806	22.05	81.2	33.88	82.3	C	9 12 „
6	38.669	22.12	80.6	33.96	82.0	C	10 12 „
7	38.051	22.51	80.4	33.97	81.4	C	11 12 „
8	38.463	22.17	80.6	34.02	81.4	C	Midnight.
9	38.188	22.24	80.5	34.00	81.0	B	1 12 a. m.
10	37.983	22.80	80.5	34.00	81.0	B	2 12 „
11	38.326	22.36	80.3	34.00	80.9	B	3 12 „
12	37.845	22.50	80.0	34.10	80.6	B	4 12 „
13	37.022	22.70	79.8	34.24	80.2	G	5 12 „
14	36.885	22.70	79.5	34.38	80.0	G	6 12 „
15	36.542	22.89	79.6	34.36	79.8	G	7 12 „
16	37.091	22.90	79.9	34.36	80.0	G	8 12 „
17	37.434	23.15	81.0	34.07	80.8	C	9 12 „
18	37.914	22.85	82.1	34.00	81.2	C	10 12 „
19	37.365	22.88	83.5	33.86	82.0	C	11 12 „
20	38.257	22.48	84.7	33.80	83.0	C	Noon.
21	38.943	21.90	85.6	33.50	83.6	B	1 12 p. m.
22	39.560	21.45	86.5	33.30	84.9	B	2 12 „
23	38.943	21.05	87.8	33.00	85.9	B	3 12 „
Dec. 12th-Noon.	39.012	21.03	87.4	33.20	86.0	B	4 12 „
1	40.109	21.15	85.8	33.48	85.7	G	5 12 „
2	39.629	21.45	85.0	33.50	85.0	G	6 12 „
3	38.737	21.62	84.2	33.50	84.0	G	7 12 „
4	38.806	21.60	83.5	33.64	83.5	G	8 12 „
5	39.012	21.50	83.0	33.96	83.1	C	9 12 „
6	38.737	21.54	82.5	33.96	83.0	C	10 12 „
7	38.463	22.00	81.0	33.92	82.3	C	11 12 „
8	38.874	21.96	80.2	33.98	81.4	C	Midnight.
9	38.600	22.15	80.2	33.90	80.9	B	1 12 a. m.
10	37.914	22.52	80.2	33.92	80.6	B	2 12 „
11	37.434	22.58	80.3	33.95	80.7	B	3 12 „
12	37.914	22.42	80.1	33.95	80.6	B	4 12 „
13	37.365	22.45	79.7	34.00	80.0	G	5 12 „
14	37.228	22.55	79.1	34.00	79.8	G	6 12 „
15	37.365	22.65	79.0	34.38	79.4	G	7 12 „
16	37.228	22.80	79.7	34.36	79.5	G	8 12 „
17	37.571	22.75	81.0	34.18	80.2	C	9 12 „
18	37.297	22.75	82.3	33.78	81.2	C	10 12 „
19	37.228	22.47	83.8	33.44	82.3	C	11 12 „
20	38.394	22.21	85.0	33.40	83.3	C	Noon.
21	39.149	22.01	85.5	33.40	84.0	B	1 12 p. m.
22	39.560	21.91	86.5	33.10	85.4	B	2 12 „
23	39.217	21.60	87.3	33.00	85.9	B	3 12 „
Dec. 13th-Noon.	39.080	21.38	86.9	33.00	86.0	B	4 12 „
1	39.286	21.56	86.0	33.28	85.4	G	5 12 „
2	39.012	21.46	85.2	33.50	85.0	G	6 12 „
3	38.943	21.60	84.4	33.55	84.2	G	7 12 „
4	38.737	21.90	83.6	33.64	83.5	G	8 12 „
5	38.806	21.85	83.0	33.68	82.4	C	9 12 „
6	38.600	22.40	81.8	33.70	82.0	C	10 12 „
7	38.737	22.10	80.8	33.70	81.8	C	11 12 „
8	38.943	22.35	80.0	33.60	81.4	C	Midnight.
9	38.463	22.50	80.0	33.80	81.0	B	1 12 a. m.
10	38.394	22.55	79.8	33.85	80.6	B	2 12 „
11	38.321	22.53	79.7	33.95	80.4	B	3 12 „

DAILY OBSERVATIONS, FROM 13TH TO 15TH DECEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Dec. 13th–12	37·571	22.40	79·5	33.92	80·1	B	4 12 a. m.
13	37.640	22.66	79.2	34.00	80.0	G	5 12 „
14	38.120	22.20	79.0	34.24	79.6	G	6 12 „
15	37.297	22.78	78.7	34.20	79.1	G	7 12 „
16	37.640	22.65	79.0	34.20	79.0	G	8 12 „
17	38.120	22.57	80.3	34.04	79.6	C	9 12 „
18	38.257	22.55	81.7	33.88	80.5	C	10 12 „
19	38.531	22.37	83.2	33.69	81.8	C	11 12 „
20	37.297	22.29	84.1	33.56	82.5	C	Noon.
21	37.914	22.22	85.2	33.25	83.2	B	1 12 p. m.
22	38.394	21.85	86.4	33.00	84.5	B	2 12 „
23	39.080	21.45	86.9	32·90	85.1	B	3 12 „
Dec. 14th-Noon.	39.149	21.44	86.5	32.95	85.5	B	4 12 „
1	40.109	21.26	85.4	33.16	85.0	G	5 12 „
2	40.315	21.38	84.3	33.32	84.6	G	6 12 „
3	38.600	21.75	83.6	33.40	83.5	G	7 12 „
4	38.874	21.65	83.0	33.44	83.1	G	8 12 „
5	38.257	21.90	81.3	33.65	82.4	C	9 12 „
6	38.874	22.31	80.4	33.90	81.9	C	10 12 „
7	38.874	22.45	80.5	33.98	81.6	C	11 12 „
8	38.326	22.25	80.3	34.04	81.2	C	Midnight.
9	38.051	22.40	80.0	33.95	80.6	B	1 12 a. m.
10	38.257	22.55	79.3	34.10	80.0	B	2 12 „
11	37.914	22.65	79.1	34.20	79.5	B	3 12 „
12	37.228	22.85	79.1	34.25	79.5	B	4 12 „
13	37.228	22.90	79.0	33.95	79.5	G	5 12 „
14	37.228	22.86	78.6	33.74	79.0	G	6 12 „
15	35.993	22.82	78.5	33.96	78.7	G	7 12 „
16	37.297	22.95	78.8	34.01	78.7	G	8 12 „
17	38.120	22.99	79.7	33.92	79.0	C	9 12 „
18	38.394	22.90	81.3	33.59	80.2	C	10 12 „
19	38.669	22.74	82.8	33.26	81.2	C	11 12 „
20	38.188	22.48	83.8	33.12	82.2	C	Noon.
21	38.943	22.02	85.2	33.00	83.0	B	1 12 p. m.
22	39.766	21.45	86.0	32.80	83.8	B	2 12 „
23	40.246	21.55	86.3	32.85	84.5	B	3 12 „
Dec. 15th-Noon	39.972	21.25	86.0	32.75	84.8	B	4 12 „
1	41.001	21.32	85.2	32.90	84.5	G	5 12 „
2	39.766	21.16	83.8	33.07	83.4	G	6 12 „
3	40.041	21.95	83.0	33.34	83.0	G	7 12 „
4	39.560	21.74	82.5	33.46	82.4	G	8 12 „
5	38.806	21.70	81.4	33.44	82.1	C	9 12 „
6	39.149	22.13	80.5	33.60	81.4	C	10 12 „
7	37.914	22.60	80.0	33.90	81.0	C	11 12 „
8	38.600	22.31	79.5	33.97	80.5	C	Midnight.
9	38.257	22.43	79.3	33.98	80.0	B	1 12 a. m.
10	37.571	22.63	79.0	33.95	79.5	B	2 12 „
11	36.954	22.92	78.6	33.98	79.4	B	3 12 „
12	37.228	22.85	78.3	34.15	79.2	B	4 12 „
13	38.600	22.75	78.0	34.20	79.0	G	5 12 „
14	36.679	22.94	77.6	34.42	78.4	G	6 12 „
15	36.542	22.95	77.5	34.50	78.0	G	7 12 „
16	36.954	23.00	77.7	34.50	78.0	G	8 12 „
17	37.571	22.86	79.0	34.30	78.7	C	9 12 „
18	37.640	23.06	80.6	34.04	79.2	C	10 12 „
19	37.571	22.81	82.2	33.77	80.5	C	11 12 „
20	38.326	22.63	83.6	33.60	81.8	C	Noon.
21	39.423	22.25	84.5	33.45	82.9	B	1 12 p. m.
22	40.315	21.85	85.5	33.15	83.8	B	2 12 „
23	40.315	21.75	86.3	33.05	84.3	B	3 12 „

DAILY OBSERVATIONS, FROM 16TH TO 19TH DECEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.							h. m.
DEC. 16TH-Noon.	39·492	21.73	86°2	33.00	85°2	B	4 12 p. m.
1	38.806	21.65	85.0	33.00	85.0	G	5 12 „
2	39.149	21.80	84.4	33.18	84.2	G	6 12 „
3	39.149	21.61	83.7	33.40	83.7	G	7 12 „
4	39.080	22.00	83.0	33.56	83.0	G	8 12 „
5	39.080	22.07	82.2	33.78	82.6	C	9 12 „
6	38.943	22.04	81.8	33.86	82.1	C	10 12 „
7	38.806	21.97	81.4	33.98	82.0	C	11 12 „
8	38.051	22.40	81.0	34.00	81.3	C	Midnight.
9	38.531	22.30	80.5	34.00	80.7	B	1 12 a. m.
10	38.257	22.29	80.1	33.95	80.6	B	2 12 „
11	38.531	22.35	79.5	33.95	80.2	B	3 12 „
12	38.188	22.56	78.9	33.98	79.6	B	4 12 „
13	37.708	22.75	78.5	34.00	79.0	G	5 12 „
14	37.297	22.83	78.0	34.14	78.8	G	6 12 „
15	37.502	22.75	77.5	34.30	78.0	G	7 12 „
16	38.188	23.05	78.0	34.46	78.0	G	8 12 „
17	38.120	22.95	79.4	34.15	78.5	C	9 12 „
18	37.228	23.06	81.0	33.75	79.5	C	10 12 „
19	36.542	22.95	82.4	33.45	80.4	C	11 12 „
20	36.473	22.57	83.7	33.42	81.5	C	Noon.
21	37.228	22.37	84.8	33.20	82.8	B	1 12 p. m.
22	38.531	22.14	85.0	33.25	83.4	B	2 12 „
23	38.943	21.96	85.2	33.16	84.2	B	3 12 „
DEC. 18TH-Noon.	39.012	22.40	84.0	33.20	84.0	G	4 12 „
1	38.737	22.31	83.4	33.50	83.5	G	5 12 „
2	38.463	22.35	83.0	33.50	83.0	G	6 12 „
3	37.297	22.35	82.5	33.50	82.5	G	7 12 „
4	37.297	22.40	82.0	33.50	82.1	G	8 12 „
5	38.394	22.35	81.2	33.86	81.7	C	9 12 „
6	38.737	22.42	80.5	33.90	81.4	C	10 12 „
7	38.394	22.54	79.7	33.90	80.6	C	11 12 „
8	38.394	22.65	79.3	33.94	80.1	C	Midnight.
9	38.051	22.76	79.1	34.10	79.5	B	1 12 a. m.
10	38.188	22.81	78.6	34.15	79.4	B	2 12 „
11	37.983	22.91	78.4	34.25	79.0	B	3 12 „
12	37.777	23.00	78.0	34.30	78.7	B	4 12 „
13	37.845	23.03	77.6	34.36	78.3	G	5 12 „
14	37.571	23.20	77.0	34.42	78.0	G	6 12 „
15	38.257	23.05	77.2	34.50	77.8	G	7 12 „
16	39.286	23.04	77.8	34.50	77.7	G	8 12 „
17	39.149	23.08	79.0	34.28	78.4	C	9 12 „
18	38.943	23.09	80.2	34.04	79.0	C	10 12 „
19	38.463	22.95	81.5	33.67	80.0	C	11 12 „
20	38.051	22.76	83.0	33.33	81.1	C	Noon. „
21	38.120	22.55	83.6	33.25	81.2	B	1 12 p. m.
22	38.326	22.41	83.9	33.35	82.0	B	2 12 „
23	38.943	22.22	84.3	33.30	82.5	B	3 12 „
DEC. 19TH-Noon.	38.737	22.01	84.5	33.20	83.0	B	4 12 „
1	38.057	22.00	83.8	33.39	82.8	G	5 12 „
2	38.188	22.15	82.7	33.76	82.2	G	6 12 „
3	38.257	22.17	82.0	33.70	81.9	G	7 12 „
4	38.257	22.22	81.5	33.65	81.4	G	8 12 „
5	38.326	22.33	81.1	33.86	81.1	C	9 12 „
6	38.257	22.39	80.3	33.88	80.7	C	10 12 „
7	38.257	22.50	79.6	33.96	80.2	C	11 12 „
8	38.257	22.60	79.1	34.00	79.8	C	Midnigth.
9	38.257	22.70	79.5	33.95	79.4	B	1 12 a. m.
10	37.983	22.85	78.4	34.10	79.1	B	2 12 „
11	37.914	22.80	78.0	34.20	78.7	B	3 12 „

DAILY OBSERVATIONS, FROM 19TH TO 21ST DECEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Dec. 19th—12	38·120	22.95	77·6	34.25	78·2	B	4 12 a. m.
13	37.983	23.00	77.4	34.36	78.0	G	5 12 „
14	37.914	23.15	77.8	34.44	78.0	G	6 12 „
15	38.531	23.05	78.0	34.60	78.2	G	7 12 „
16	39.835	23.04	78.0	34.60	78.2	G	8 12 „
17	39.286	23.02	78.4	34.30	78.4	C	9 12 „
18	38.326	23.26	79.4	33.85	79.0	C	10 12 „
19	37.022	23.21	80.8	33.54	79.8	C	11 12 „
20	36.199	23.09	81.8	33.50	80.2	C	Noon.
21	36.611	22.81	82.8	33.35	80.6	B	1 12 p. m.
22	37.571	22.61	83.5	33.50	81.4	B	2 12 „
23	38.531	22.38	84.0	33.35	82.1	B	3 12 „
Dec. 20th-Noon.	38.531	22.23	84.0	33.35	82.6	B	4 12 „
1	38.257	22.25	83.3	33.50	82.5	G	5 12 „
2	38.257	22.30	82.8	33.55	82.3	G	6 12 „
3	38.257	22.36	82.0	33.50	82.0	G	7 12 „
4	38.188	22.27	81.6	33.58	81.8	G	8 12 „
5	38.120	22.35	81.0	33.90	81.5	C	9 12 „
6	38.120	22.48	80.3	33.98	81.1	C	10 12 „
7	37.983	22.56	79.6	33.90	80.4	C	11 12 „
8	37.708	22.76	79.0	33.77	80.0	C	Midnight.
9	37.777	22.90	78.5	33.85	79.5	B	1 12 a. m.
10	37.571	23.20	78.5	33.95	79.4	B	2 12 „
11	37.845	23.25	78.2	33.95	79.1	B	3 12 „
12	37.228	23.40	78.0	33.80	78.7	B	4 12 „
13	37.571	23.35	78.2	33.95	78.5	G	5 12 „
14	37.845	23.00	78.0	34.10	78.3	G	6 12 „
15	37.708	23.05	78.1	34.25	78.4	G	7 12 „
16	37.914	23.05	78.8	34.29	78.5	G	8 12 „
17	38.188	23.16	80.0	33.96	79.0	C	9 12 „
18	37.502	23.29	81.1	33.66	80.0	C	10 12 „
19	37.502	23.29	82.4	33.28	81.0	C	11 12 „
20	37.914	23.13	83.7	32.35	82.2	C	Noon.
21	38.600	22.70	84.6	32.65	82.7	B	1 12 p. m.
22	39.492	22.31	85.0	32.50	83.2	B	2 12 „
23	39.217	21.94	85.0	32.25	82.7	B	3 12 „
Dec. 21st-Noon.	38.669	21.47	84.9	32.25	84.0	B	4 12 „
1	38.608	21.18	84.0	32.44	83.5	G	5 12 „
2	38.669	21.15	83.5	32.66	83.0	G	6 12 „
3	38.737	21.35	82.9	32.70	82.7	G	7 12 „
4	38.394	21.70	82.1	32.76	82.2	G	8 12 „
5	38.257	21.90	81.4	32.78	82.0	C	9 12 „
6	38.600	22.14	80.2	32.75	81.4	C	10 12 „
7	38.531	22.25	80.4	32.80	81.1	C	11 12 „
8	38.874	22.08	80.2	32.99	80.9	C	Midnight.
9	38.463	22.40	80.1	32.95	80.6	B	1 12 a. m.
10	38.669	22.25	79.3	33.00	80.0	B	2 12 „
11	39.012	22.35	78.8	33.10	79.6	G	3 12 „
12	38.326	22.48	78.2	33.18	79.0	G	4 12 „
13	38.531	22.69	77.8	33.35	78.8	C	5 12 „
14	38.326	22.78	78.0	33.39	78.8	C	6 12 „
15	38.600	22.90	78.0	33.35	78.4	B	7 12 „
16	39.012	22.95	78.6	33.32	78.5	B	8 12 „
17	38.600	22.90	80.2	32.92	79.0	G	9 12 „
18	37.228	22.75	81.9	32.22	79.9	G	10 12 „
19	36.611	22.74	82.5	31.97	81.0	C	11 12 „
20	36.885	22.59	83.7	32.21	81.8	C	Noon.
21	37.708	22.44	84.1	32.35	82.0	B	1 12 p. m.
22	38.737	22.02	84.1	32.45	82.4	B	2 12 „
23	38.463	21.80	84.0	32.26	83.0	G	3 12 „

DAILY OBSERVATIONS, FROM 22ND TO 26TH DECEMBER 1864.

DATE. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	DATE. Bombay Civil Time. 1864.
h.	38'874	22.91	83°8	32.10	83°4	G	h. m. 4 12 p. m.
DEC. 22ND-Noon.	38.326	22.08	82.8	32.06	83.0	C	5 12 ,,
1	38.051	22.04	82.1	32.41	82.5	C	6 12 ,,
2	38.531	22.10	81.6	32.38	82.0	B	7 12 ,,
3	38.257	22.19	81.1	32.50	81.6	B	8 12 ,,
4	38.806	22.10	80.8	32.60	81.2	G	9 12 ,,
5	38.463	22.20	80.0	32.60	80.6	G	10 12 ,,
6	38.669	22.34	79.8	32.76	80.3	C	11 12 ,,
7	38.394	22.47	79.4	32.81	80.1	C	Midnight.
8	38.600	22.50	79.0	32.95	79.6	B	1 12 a. m.
9	38.120	22.82	78.4	32.94	79.2	B	2 12 ,,
10	37.983	22.80	78.3	32.90	79.1	B	3 12 ,,
11	37.914	22.90	78.3	33.00	78.8	B	4 12 ,,
12	37.845	22.85	78.0	33.00	78.5	G	5 12 ,,
13	37.502	23.55	77.0	33.18	78.0	G	6 12 ,,
14	37.022	23.40	77.0	33.20	77.8	G	7 12 ,,
15	37.914	23.25	77.8	33.20	77.9	G	8 12 ,,
16	37.914	23.35	79.3	33.00	78.8	G	9 12 ,,
17	37.297	23.29	80.8	32.76	79.2	C	10 12 ,,
18	36.130	23.07	82.1	32.57	80.3	C	11 12 ,,
19	37.022	22.97	83.2	32.51	81.4	C	Noon.
20	38.806	22.56	84.1	32.50	82.4	B	1 12 p. m.
21	39.629	22.45	84.2	32.25	82.9	B	2 12 ,,
22	39.462	22.05	84.4	32.05	83.4	B	3 12 ,,
23							
DEC. 23RD-Noon.	39.080	21.86	84.5	32.00	83.6	B	4 12 ,,
1	38.806	21.71	83.6	32.18	83.5	G	5 12 ,,
2	38.531	21.95	83.0	32.26	83.6	G	6 12 ,,
3	38.943	21.93	82.6	32.40	82.2	G	7 12 ,,
4	40.109	21.70	81.8	32.48	82.0	G	8 12 ,,
5	38.806	22.10	80.9	32.50	81.4	C	9 12 ,,
6	38.806	21.80	80.4	32.54	81.2	C	10 12 ,,
7	38.257	22.25	80.3	32.67	81.0	C	11 12 ,,
8	39.080	21.96	80.2	32.84	80.7	C	Midnight.
9	39.149	22.10	79.9	32.82	80.2	B	1 12 a. m.
10	39.149	22.45	79.5	32.92	80.2	B	2 12 ,,
11	38.737	22.35	79.5	32.95	80.1	B	3 12 ,,
12	38.257	22.45	79.1	32.95	79.6	B	4 12 ,,
13	37.983	22.45	79.1	33.00	79.1	C	5 12 ,,
14	37.365	22.54	78.7	33.00	79.0	G	6 12 ,,
15	37.845	22.60	78.4	33.10	78.6	G	7 12 ,,
16	39.012	22.80	79.0	33.12	78.8	G	8 12 ,,
17	38.669	22.70	80.5	32.70	80.0	C	9 12 ,,
18	36.611	22.56	82.0	32.46	81.0	C	10 12 ,,
19	36.542	22.47	83.7	32.38	82.3	C	11 12 ,,
20	37.091	22.39	84.7	32.31	83.0	C	Noon.
21	38.257	22.10	85.5	32.35	83.7	B	1 12 p. m.
22	39.286	21.88	86.0	32.10	84.1	B	2 12 ,,
23	39.149	21.85	85.8	31.90	84.6	B	3 12 ,,
DEC. 26TH-Noon.	38.737	22.00	86.1	31.80	85.0	G	4 12 ,,
1	37.845	22.06	85.6	31.94	85.1	G	5 12 ,,
2	37.983	22.09	84.5	32.12	84.0	G	6 12 ,,
3	38.257	22.20	84.0	32.20	83.5	G	7 12 ,,
4	38.531	22.17	82.8	32.36	83.0	G	8 12 ,,
5	38.639	22.28	82.3	32.25	82.8	C	9 12 ,,
6	38.669	22.37	81.5	32.37	82.5	C	10 12 ,,
7	38.806	22.51	80.8	32.75	82.0	C	11 12 ,,
8	38.874	22.51	80.3	32.70	81.6	C	Midnight.
9	38.600	22.55	80.3	32.80	81.4	B	1 12 a. m.
10	38.737	22.70	79.9	32.90	80.9	B	2 12 ,,
11	39.149	22.68	79.6	32.80	80.5	B	3 12 ,,

DAILY OBSERVATIONS, FROM 26TH TO 28TH DECEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Dec. 26th—12	38·463	22.90	79·1	32.95	80·0	B	4 12 a. m.
13	37.845	23.05	79.2	32.96	79.9	G	5 12 ,,
14	37.571	23.15	79.0	33.00	79.5	G	6 12 ,,
15	36.611	23.39	78.8	33.00	79.2	G	7 12 ,,
16	37.914	23.50	79.0	33.18	79.0	G	8 12 ,,
17	39.355	23.51	80.1	33.00	80.0	C	9 12 ,,
18	38.943	23.34	82.0	32.78	81.0	C	10 12 ,,
19	38.600	23.12	83.1	32.57	84.8	C	11 12 ,,
20	38.326	22.96	84.3	32.35	82.8	C	Noon.
21	38.531	22.55	86.8	32.00	83.5	B	1 12 p. m.
22	38.737	22.25	87.0	31.95	84.7	B	2 12 ,,
23	39.217	22.02	87.2	32.00	85.5	B	3 12 ,,
Dec. 27th-Noon.	38.326	22.01	86.7	31.90	85.5	B	4 12 ,,
1	38.051	22.10	85.6	31.94	85.0	G	5 12 ,,
2	37.983	22.24	84.9	32.16	84.5	G	6 12 ,,
3	38.051	22.15	84.0	32.40	83.9	G	7 12 ,,
4	37.914	22.15	83.5	32.46	83.2	G	8 12 ,,
5	37.983	22.20	82.9	32.50	83.0	C	9 12 ,,
6	38.257	22.18	82.0	32.88	82.8	C	10 12 ,,
7	38.531	22.36	81.2	32.62	82.4	C	11 12 ,,
8	38.600	22.28	81.2	32.70	82.3	C	Midnight.
9	38.737	22.20	81.2	32.70	81.7	B	1 12 a. m.
10	38.943	22.40	80.8	32.75	81.5	B	2 12 ,,
11	38.737	22.45	80.8	32.80	81.4	B	3 12 ,,
12	38.120	22.65	80.4	32.76	81.0	B	4 12 ,,
13	37.571	23.03	80.1	32.70	80.8	G	5 12 ,,
14	37.571	22.81	80.0	32.82	80.6	G	6 12 ,,
15	37.022	22.81	79.7	32.90	80.1	G	7 12 ,,
16	37.983	23.00	80.0	33.00	80.0	G	8 12 ,,
17	38.394	23.05	81.8	32.75	81.0	C	9 12 ,,
18	38.257	23.00	83.1	32.56	82.1	C	10 12 ,,
19	37.571	22.67	84.2	32.52	82.7	C	11 12 ,,
20	37.571	22.50	85.0	32.50	83.2	C	Noon.
21	38.120	22.22	85.5	32.45	83.5	B	1 12 p. m.
22	38.463	22.01	85.6	32.35	84.2	B	2 12 ,,
23	38.669	21.81	85.9	32.10	84.7	B	3 12 ,,
Dec. 28th-Noon.	37.983	21.83	85.7	31.92	84.9	B	4 12 ,,
1	37.022	22.00	85.0	32.00	85.0	G	5 12 ,,
2	37.708	22.10	83.9	32.22	84.4	G	6 12 ,,
3	37.845	22.10	83.0	32.40	83.5	G	7 12 ,,
4	37.845	22.05	83.0	32.48	83.0	G	8 12 ,,
5	38.120	22.00	83.0	32.60	83.0	C	9 12 ,,
6	38.120	21.92	82.2	32.62	82.4	C	10 12 ,,
7	38.531	22.23	81.4	32.64	82.2	C	11 12 ,,
8	38.806	22.35	81.0	32.69	81.9	C	Midnight.
9	38.463	22.40	81.0	32.70	81.5	B	1 12 a. m.
10	38.531	22.60	80.5	32.80	81.4	B	2 12 ,,
11	38.463	22.65	79.7	32.90	80.7	B	3 12 ,,
12	38.394	22.75	79.3	32.95	80.3	B	4 12 ,,
13	38.326	22.90	78.9	32.98	80.0	G	5 12 ,,
14	38.257	22.95	78.8	32.98	79.5	G	6 12 ,,
15	38.257	22.85	79.0	33.00	79.5	G	7 12 ,,
16	38.669	22.85	79.8	33.00	79.8	G	8 12 ,,
17	38.257	22.90	81.0	32.80	80.3	C	9 12 ,,
18	37.777	22.76	82.6	32.45	81.2	C	10 12 ,,
19	37.297	22.78	83.2	32.18	82.0	C	11 12 ,,
20	37.914	22.87	83.9	32.27	82.6	C	Noon.
21	38.600	22.72	84.5	32.40	82.7	B	1 12 p. m.
22	39.012	22.61	84.9	32.25	83.2	B	2 12 ,,
23	38.531	22.45	85.0	32.05	83.9	B	3 12 ,,

DAILY OBSERVATIONS, FROM 29TH TO 30TH DECEMBER 1864.

Date. Göttingen Mean Time. 1864.	Eastern Declination.	Horizontal Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Horizontal Force Magnetometer.	Vertical Force Magnetometer. — Scale Readings Uncorrected.	Thermometer of Vertical Force Magnetometer.	Observers.	Date. Bombay Civil Time. 1864.
h.							h. m.
Dec. 29th-Noon.	38·257	22.31	84·5	31.92	84·9	B	4 12 p. m.
1	37.914	22.30	84.0	32.00	84,0	G	5 12 „
2	37.777	22.35	83.4	32.30	83.2	G	6 12 „
3	38.051	22.15	82.6	32.44	82.9	G	7 12 „
4	37.640	22.30	82.0	32.50	82.2	G	8 12 „
5	37.914	22.49	81.3	32.57	81.9	C	9 12 „
6	38.051	22.52	81.0	32.59	81.7	C	10 12 „
7	38.531	22.40	80.5	32.75	81.2	C	11 12 „
8	38.600	22.36	80.1	32.80	81.0	C	Midnight.
9	38.600	22.52	79.4	32.90	80.4	B	1 12 a. m.
10	38.257	22.70	78.9	32.90	79.9	B	2 12 „
11	37.914	22.90	78.6	32.95	79.5	B	3 12 „
12	37.914	22.90	78.5	32.95	79.4	B	4 12 „
13	37.297	23.00	78.6	33.00	79.0	G	5 12 „
14	36.885	23.05	78.6	33.00	78.8	G	6 12 „
15	37.228	23.10	78.8	33.00	78.8	G	7 12 „
16	37.228	23.10	79.0	32.90	79.0	G	8 12 „
17	36.611	23.18	80.0	32.82	79.7	C	9 12 „
18	36.611	23.10	81.7	32.46	81.0	C	10 12 „
19	37.091	22.89	83.1	32.40	81.6	C	11 12 „
20	37.708	22.62	84.0	32.27	82.6	C	Noon.
21	38.600	22.42	84.8	32.30	82.6	B	1 12 p. m.
22	38.943	22.33	85.0	32.25	83.1	B	2 12 „
23	39.492	22.19	84.6	32.15	83.5	B	3 12 „
Dec. 30th-Noon.	38.943	22.16	84.5	32.20	83.2	B	4 12 „
1	37.914	22.31	83.8	32.24	83.0	G	5 12 „
2	38.257	22.35	82.7	32.40	82.8	G	6 12 „
3	38.120	22.29	82.5	32.48	82.4	G	7 12 „
4	37.983	22.30	82.1	32.50	82.0	G	8 12 „
5	38.326	22.44	81.7	32.62	81.6	G	9 12 „
6	38.600	22.53	80.4	32.65	81.2	R	10 12 „
7	38.531	22.70	79.8	32.75	80.8	R	11 12 „
8	38.600	22.74	79.8	32.76	80.4	K	Midnight.
9	38.257	22.69	79.9	32.85	80.4	B	1 12 a. m.
10	38.607	22.70	79.9	32.90	80.2	B	2 12 „
11	38.737	22.90	79.5	32.80	80.1	B	3 12 „
12	38.531	22.90	79.5	32.85	80.0	B	4 12 „
13	38.326	22.90	79.5	32.90	79.8	G	5 12 „
14	38.051	22.95	79.4	33.00	79.6	G	6 12 „
15	38.600	22.95	79.6	32.94	79.5	G	7 12 „
16	38.394	22.95	80.0	32.82	79.6	G	8 12 „
17	38.257	22.98	80.2	32.62	79.6	B	9 12 „
18	37.777	22.96	81.9	32.30	80.5	B	10 12 „
19	37.646	32.75	83.4	32.10	81.4	B	11 12 „
20	38.669	22.58	83.7	32.25	82.0	B	Noon.
21	39.012	22.52	84.4	32.20	82.5	K	1 12 p. m.
22	38.737	22.41	85.0	32.25	82.8	K	2 12 „
23	37.737	22.32	84.9	32.30	83.2	K	3 12 „

REGISTER OF DISTURBANCE OBSERVATIONS.

DISTURBANCE OBSERVATIONS, 1864.

Date. Göttingen Mean Time.	Declination.		Horizontal Force Magnetometers.				Vertical Force Magnetometer.	
	Large.	Small.	Large.	Small.	Thermometers.			
	At Full Time.	5 min. after Full Time.	2 min. after Full Time.	4 min. after Full Time.	Large. H. F. M.	Small. H. F. M.	2 min. before Full Time.	Thermometer.
H. M.			Sc. Read. Uncorrected.	Sc. Read. Uncorrected.			Sc. Read. Uncorrected.	
June 7th. 21 00	36'747	33'48	18.85	14.55	88°5	86°9	20.85	88°8
21 15	36.816	33.80	18.68	14.20	88.7	87.0	20.85	88.8
21 30	37.365	34.33	18.45	13.50	89.0	87.1	20.95	89.0
21 45	37.433	34.33	18.28	13.00	89.3	87.3	20.98	89.3
22 00	36.747	33.28	18.11	12.50	89.5	87.6	21.05	89.5
22 15	36.404	32.86	17.91	12.00	89.5	87.9	21.10	89.7
22 30	36.199	32.76	18.06	12.10	89.5	88.1	21.02	89.8
22 45	36.885	33.80	17.63	11.50	89.5	88.5	21.00	90.1
23 00	37.090	33.80	17.35	11.30	89.6	88.9	21.00	90.2
23 15	37.770	34.33	17.82	11.60	89.7	89.0	21.05	90.3
23 30	37.433	34.01	17.38	11.25	89.7	89.0	21.10	90.5
23 45	37.433	33.90	17.00	11.00	89.8	89.0	21.10	90.5
June 8th. 0 00	36.747	33.80	16.92	10.40	89.9	89.0	21.00	90.6
0 15	36.816	33.86	16.55	9.92	90.0	89.0	20.98	90.6
0 30	37.914	35.38	16.86	10.74	89.8	88.2	21.10	90.8
0 45	37.914	35.38	16.80	10.50	89.6	88.0	21.28	90.8
1 00	40.040	36.68	16.85	10.70	89.5	88.0	21.36	90.6
1 15	39.080	37.93	16.98	10.84	89.0	87.7	21.24	90.5
1 30	39.217	36.42	17.35	11.00	89.0	87.5	21.20	90.2
1 45	38.668	35.43	17.50	11.26	88.9	87.3	21.20	90.0
2 00	37.502	33.96	17.62	11.50	88.8	87.3	21.20	90.0
2 15	37.022	32.70	17.75	11.74	88.5	87.2	21.18	90.0
2 30	37.542	32.65	17.80	11.87	88.5	87.0	21.09	89.8
2 45	35.787	32.44	17.95	12.00	88.4	87.0	21.10	89.7
3 00	34.758	31.76	18.00	12.48	88.4	87.0	21.10	89.6
3 15	34.895	31.76	18.05	12.50	88.4	87.0	21.17	89.5
3 30	35.581	32.24	18.04	12.14	88.1	86.9	21.30	89.5
3 45	36.061	32.70	17.98	11.86	88.0	86.9	21.38	89.4
4 00	36.267	32.70	17.95	11.50	88.0	86.9	21.50	85.4
4 15	35.513	32.24	18.10	12.50	88.0	86.8	21.40	89.3
4 30	34.484	31.34	18.08	12.48	87.6	86.4	21.50	89.2
4 45	35.101	31.71	18.25	12.69	87.3	86.2	21.10	89.0
5 00	35.238	31.97	18.45	12.72	87.2	86.1	21.02	88.9
5 15	35.650	32.17	18.65	12.94	87.2	86.1	21.13	88.9
5 30	36.542	32.70	18.58	12.86	87.1	86.1	21.56	88.8
5 45	35.924	32.34	18.72	12.92	87.0	86.0	21.57	88.8
6 00	35.650	32.34	18.90	12.92	87.1	86.0	21.55	88.7
6 15	35.513	32.29	19.05	13.00	87.1	86.0	21.59	88.7
6 30	35.375	32.24	19.20	13.07	87.1	86.0	21.71	88.7
6 45	35.513	32.50	18.75	13.05	87.1	86.0	21.68	88.7
7 00	35.787	32.70	19.27	13.21	87.2	86.0	21.70	88.7
7 15	35.375	32.24	19.05	13.00	87.2	86.0	21.47	88.7

DISTURBANCE OBSERVATIONS, 1864.

Date. Göttingen Mean Time.		Declination.		Horizontal Force Magnetometers.				Vertical Force Magnetometers.	
		Large.	Small.	Large.	Small.	Thermometers.			
		At Full Time.	5 min. after Full Time.	2 min. after Full Time.	4 min. after Full Time.	Large. H. F. M.	Small. H. F. M.	2 min. before Full Time.	Thermometer.
	H. M.			Sc. Read. Uncorrected.	Sc. Read. Uncorrected.			Sc. Read. Uncorrected.	
June 8th.	7 30	35·650	32·70	19.18	13.11	87°2	86°0	21.33	88°7
	7 45	35.513	32.70	19.42	13.57	87.2	85.9	21.59	88.6
	8 00	35.856	32.76	19.40	13.54	87.4	85.9	21.21	88.6
	8 15	35.924	32.86	19.45	13.55	87.4	85.8	21.24	88.6
	8 30	35.513	32.50	19.44	13.55	87.4	85.8	21.28	88.5
	8 45	35.650	32.60	19.50	13.60	87.4	85.8	21.30	88.5
	9 00	35.787	32.76	19.45	13.60	87.4	85.8	21.40	88.4
	9 15	35.993	32.96	19.42	13.60	87.4	85.8	21·46	88.4
	9 30	36.199	33.28	19.36	13.58	87.4	86.8	21·52	88.4
	9 45	36.336	33.33	19.35	13.58	87.4	85.6	21.56	88.4
	10 00	36.542	33.38	19.40	13.70	87.2	85.4	21.60	88.2
	10 15	36.610	33.38	19.46	13.82	87.0	85·2	21.64	88.1
	10 30	36.336	33.28	19.54	13.96	86.9	85.1	21.68	88.0
	10 45	36.199	32.28	19.65	14.15	86.9	85·1	21.74	88.0
	11 00	36.366	33.28	19.75	14.36	86.9	85.1	21.75	88.0
	11 15	36.473	33.38	19.70	14.36	86.9	85.1	21·75	88 0
	11 30	36.542	33.48	19.70	14.36	86.9	85.1	21.78	87.9
	11 45	36.542	33.38	19.73	14.36	87.0	85.1	21.78	87.9
	12 00	36.679	33.54	19.67	14.35	87.0	85.1	21.76	87.9
	12 15	36.610	33.28	19.65	14.30	87.0	85.0	21.70	87.9
	12 30	36.885	33.54	19.74	14.46	86.9	85.0	21.70	87.8
	12 45	36.885	33.64	19.85	14.54	86.7	84.8	21.76	87.8
	13 00	37.022	33.71	19.87	14.70	86.5	84.6	21.80	87.7
	13 15	37.022	33.71	19.85	14.70	86.4	84.5	21.84	87.7
	13 30	37.159	34.59	19.94	14.92	86.2	84.2	21.90	87.4
	13 45	37.433	34.74	20.07	15.09	86.0	84.0	21.98	87.2
	14 00	38.051	34.85	20.24	15.20	86.0	84.0	22.00	87.2
	14 15	38.051	34.85	20.28	15.30	86.1	84.1	22.00	87.2
	14 30	38.257	35.26	20.30	15.38	86.3	84.1	22.00	87.3
	14 45	38.257	35.26	20.41	15.50	86.5	84.1	22.00	87.3
	15 00	38.325	35.38	20.45	15.55	86.7	84.2	22.00	87.5
	15 15	38.325	35.38	20.52	15.64	86.8	84.4	21.96	87.5
	15 30	38.668	35.48	20.60	15.92	87.0	84.8	21.84	87.6
	15 45	38.707	35.48	20.60	15.92	87.1	85.0	21.80	87.8
	16 00	38.680	35.38	20.80	16.02	87.4	85.1	21.72	88.0
	16 15	38.600	35.26	20.94	16.40	87.6	85.5	21.63	88.2
	16 30	38.805	35.31	20.85	16.25	87.9	85.7	21.54	88.3
	16 45	38.325	34.85	20.90	16.34	88.2	85.9	21.36	88.4
	17 00	38.188	34.85	20.94	16.46	88.4	86.2	21.41	88.6
	17 15	37.914	34.38	20.88	16.40	88·7	86.4	21.50	88.7
	17 30	37.845	34.33	20.85	16.38	89.0	86.5	21.31	88.9
	17 45	37.571	34.33	20·84	16.38	89·1	86.8	21.29	89.0
	18 00	37.433	34.01	20.83	16.36	89.2	87.1	21.13	89.2
	18 15	36.816	33.54	20.97	16.60	89.4	87.5	20.96	89.2
	18 30	36.679	32.76	21.01	16.91	89·7	87.9	20.90	89.3
	18 45	36.267	32.70	21.07	16.91	89.3	88.2	20.72	89.5
	19 00	35.856	32.39	21.05	16.70	89.9	88.5	20.70	89.8
	19 15	35.307	32.24	20.82	16.40	90.0	88.8	20.65	89.8
	19 30	35.375	32.24	20.40	16.00	90.1	88.8	20.58	89.8
	19 45	35.787	32.29	19.70	15.08	90.2	88.3	20.60	90.0
	20 00	35.581	32.29	19.53	14.50	90.2	88.9	20.66	90.2
	20 15	35.787	32.44	19.56	14.50	90·3	89.1	20.67	90.3
	20 30	35.513	32.24	19.55	14.50	90.4	89.1	20.65	90.3
	20 45	35.650	32.34	19.50	14.50	90.5	89.2	20.68	90.4
	21 00	35.581	32.24	19.31	14.20	90·5	89.4	20.66	90.5
	21 15	35.513	32.24	19.24	14.10	90.5	89·5	20.66	90.5
	21 30	35.718	32.24	19.12	14.00	90·5	89.5	20.68	90.5
	21 45	35.856	32.44	18.82	13.60	90.5	89.5	20.68	90.5
	22 00	35.650	32.34	18.61	13.35	90.5	89.5	20.72	90·6
	22 15	35.718	32.34	18.68	13.40	90.5	89.5	20.78	90.6

DISTURBANCE OBSERVATIONS, 1864.

Date. Göttingen Mean Time.		Declination.		Horizontal Force Magnetometers.				Vertical Force Magnetometer.	
		Large.	Small.	Large.	Small.	Thermometers,			
		At Full Time.	5 min. after Full Time.	2 min. after Full Time.	4 min. after Full Time.	Large. H. F. M.	Small. H. F. M.	2 min. before Full Time.	Thermometer.
	H. M.			Sc. Read. Uncorrected.	Sc. Read. Uncorrected.			Sc. Read. Uncorrected.	
June 8th.	22 30	35·650	32·44	18.35	13.05	90°5	89°5	20.84	90°6
	22 45	35.513	32.44	18.36	13.05	90.5	89.5	20.86	90.6
	23 00	35.856	32.76	18.18	12.66	90.5	89.4	20.92	90·8
	23 15	36.130	33.38	18.00	12.35	90.5	89.3	20.95	90.8
	23 30	36.816	34·01	17.90	12.20	90.5	89.3	20.96	90.9
	23 45	37.228	34.33	17.85	12.15	90.5	89.2	21.02	90.9
June 9th.	0 00	37.228	34.33	17·68	11.80	90.3	89.1	21.10	91.0
	0 15	37.159	34.12	17.75	12.00	90.3	89.1	21.17	91.0
	0 30	37.022	33·91	17.85	12.14	90.2	88.9	21.20	91.0
	0 45	37.228	34.07	17.80	11.96	90.1	88.6	21.22	91.0
	1 00	36.679	33.48	17.74	11.00	89.9	88.2	21.17	90.9
	1 15	36.679	33.48	17.86	10.86	89.8	88.2	21.20	90.8
	1 30	37.914	34.85	17.95	11.00	89.7	88.0	21.20	90.7
	1 45	37.845	34.33	18.07	11.50	89.6	88.0	21.26	90.6
	2 00	37.159	34.07	18.36	12.00	89.4	87.9	21.26	90.5
	2 15	36.910	32.91	18.45	12.28	89.2	87.6	21.20	90.5
	2 30	36.130	32.70	18.50	12.50	89.0	87.5	21.14	90.4
	2 45	35.993	32.70	18.60	13.07	88.9	87.4	21.16	90.2
	3 00	35.993	32.70	18.59	13.00	88.9	87.3	21.18	90.2
	3 15	35.856	32.65	18.56	13.00	88.8	87.3	21.20	90.0
	3 30	35.856	32.65	18.55	12.80	88.8	87.1	21.28	90.0
	3 45	36.130	32.70	18.80	12.97	88.8	87.0	21.30	90.0
	4 00	35.787	32.50	18.96	13.26	88.8	87.0	21.30	90.0
	4 15	35.101	31.71	19.06	13.57	88.6	87.0	21.30	90.0
	4 30	34.895	31.60	19.10	13.80	88.6	87.0	21.32	90.0
	4 45	34.895	31.60	19.15	13.83	88.5	87.0	21.37	89.9
	5 00	35.032	32.07	19.02	13.80	88.4	87.0	21.33	89.8
	5 15	35.856	32.29	19.00	13.71	88.3	87.0	21.39	89.7
	5 30	35.513	32.24	19.00	13.74	88.2	87.0	21.68	89.5
	5 45	35.581	32.24	19.00	13.74	88.2	86.9	21.94	89.4
	6 00	36.610	32.86	18.85	13.60	88.0	86.6	22.30	89.2
	6 15	36.473	32.86	18.97	13.71	87.9	86.5	22.28	89.1
	6 30	37.228	33.81	19.20	13.96	87.8	86.3	22.40	89.0
	6 45	36.816	33.54	19.48	14.10	87.5	86.1	22.40	88.7
	7 00	36.610	33.54	19.55	14.25	87.3	86.0	22.44	88.5
	7 15	36.610	33.54	19.60	14.31	87.1	86.0	22.40	88.3
	7 30	37.022	33.91	19.64	14.40	87.0	85.9	22.50	88.1
	7 45	37.159	33.96	19.70	14.45	87.0	85.7	22.50	88.0
	8 00	37.159	34.01	19.95	14.86	86.9	85.5	22.46	88.0
	8 15	37.159	34.11	19.82	14.70	86.9	85.3	22.45	88.0
	8 30	37.022	34.01	19.88	14.76	86.9	85.2	22.45	87.9
	8 45	36.953	33.80	19.95	14.82	86.7	85.1	22.45	87.7
	9 00	37.090	34.01	19.90	14.90	86.5	85.0	22.45	87.5
	9 15	37.090	34.01	19.93	14.95	86.5	85.0	22.45	87.4
	9 30	37.022	34.01	19.95	14.96	86.5	85.0	22.46	87.2
	9 45	37.365	34.33	19.96	14.98	86.4	85.0	22.48	87.2
	10 00	37.571	34.33	19.95	14.90	86.4	84.8	22.48	87.2
	10 15	37.502	34.33	19.92	14.85	86.4	84.7	22.48	87.2
	10 30	37.502	34.33	19.90	14.80	86.4	84.6	22.50	87.2
	10 45	37.708	34.33	19.94	14.81	86.4	84.5	22.52	87.1
	11 00	37.433	34.33	19.99	14.90	86.4	84.4	22.55	87.0
	11 15	37.502	34.33	20.04	14.94	86.4	84.3	22.58	87.0
	11 30	37.228	34.01	20.10	14.99	86.4	84.3	22.60	86.9
	11 45	37.433	34.11	20.05	14.95	86.4	84.2	22.64	86.9
	12 00	37.776	34.33	20.10	15.10	86.4	84.1	22.60	86.9
	12 15	38.051	34.33	20.18	15.24	86.4	84.0	22.60	86.9
	12 30	37.914	34.27	20.35	15.40	86.2	84.0	22.58	86.9
	12 45	37.914	34.27	20.40	15.48	86.2	84.0	22.60	86.8

DISTURBANCE OBSERVATIONS, 1864.

Date. Göttingen Mean Time.		Declination. Large. At. Full Time.	Declination. Small. 5 min. after Full Time.	Horizontal Force Magnetometers. Large. 2 min. after Full Time.	Horizontal Force Magnetometers. Small. 4 min. after Full Time.	Horizontal Force Magnetometers. Thermometers. Large. H. F. M.	Horizontal Force Magnetometers. Thermometers. Small. H. F. M.	Vertical Force Magnetometer. 2 min. before Full Time.	Vertical Force Magnetometer. Thermometer.
	H. M.			Sc. Read. Uncorrected.	Sc. Read. Uncorrected.			Sc. Read. Uncorrected.	
June 9th.	13 00	38'051	34'79	20.48	15.48	86°1	83°5	22.60	86°8
	13 15	37.914	34.85	20.55	15.58	86.0	83.5	22.60	86.8
	13 30	38.680	35.38	20.75	15.90	86.0	83.5	22.68	86.8
	13 45	39.017	35.58	20.84	16.09	86.0	83.4	22.70	86.7
	14 00	38.531	35.43	20.80	16.00	85.9	83.3	22.78	86.7
	14 15	38.874	35.90	20.95	16.18	85.9	83.3	22.80	86.7
	14 30	39.217	35.90	20.97	16.30	86.0	83.5	22.84	86.8
	14 45	39.491	36.10	21.10	16.46	86.0	83.5	22.70	86.8
	15 00	39.491	36.10	20.85	16.10	86.1	83.7	22.70	86.8
	15 15	39.972	36.42	20.86	16.22	86.2	83.7	22.55	86.8
	15 30	39.766	36.42	20.62	15.80	86.3	83.7	22.50	86.8
	15 45	39.629	36.42	20.44	15.50	86.5	83.7	22.50	86.8
	16 00	39.560	36.31	20.20	15.35	86.7	83.8	22.44	86.9
	16 15	39.491	33.91	20.44	15.56	86.9	84.0	22.14	87.1
	16 30	39.148	33.91	20.53	15.80	87.1	84.0	22.06	87.2
	16 45	38.874	33.81	20.60	15.88	87.3	84.0	22.00	87.4
	17 00	38.119	33.81	20.66	16.04	87.5	84.1	21.76	87.7
	17 15	37.708	33.54	20.71	16.27	87.8	84.3	21.63	87.9
	17 30	37.159	33.48	20.73	16.29	88.2	84.4	21.52	88.1
	17 45	36.885	33.38	20.75	16.29	88.4	84.5	21.47	88.3
	18 00	36.679	33.17	20.57	16.00	88.8	84.8	21.44	88.5
	18 15	36.199	32.86	20.53	15.94	89.0	85.0	21.42	88.8
	18 30	35.581	32.34	20.71	16.31	89.0	85.1	21.36	88.9
	18 45	35.444	32.02	20.82	16.53	89.0	85.3	21.30	88.9
	19 00	34.964	31.71	20.95	16.81	89.2	85.8	21.20	89.0
	19 15	34.689	31.03	20.88	16.75	89.4	86.1	21.10	89.0
	19 30	34.209	30.93	20.91	16.75	89.5	86.3	21.10	89.1
	19 45	33.798	30.15	20.93	16.79	89.5	86.4	21.10	89.2
	20 00	33.386	30.08	20.91	16.78	89.7	86.4	21.12	89.4
	20 15	33.112	29.93	20.87	16.70	89.8	86.6	21.13	89.4
	20 30	32.974	29.62	20.83	16.65	89.9	86.8	21.17	89.5
	20 45	33.112	29.62	20.72	16.45	90.0	87.0	21.20	89.5
	21 00	33.455	30.15	20.41	16.10	90.2	87.1	21.28	89.6
	21 15	33.798	30.41	20.30	15.90	90.3	87.3	21.34	89.7
	21 30	33.935	30.56	20.32	15.90	90.4	87.6	21.40	89.9
	21 45	33.866	30.46	20.15	15.60	90.5	87.8	21.44	90.1
	22 00	34.209	30.56	19.96	15.50	90.5	88.0	21.50	90.3
	22 15	34.415	30.67	19.93	15.45	90.5	88.2	21.48	90.5
	22 30	34.278	30.67	19.85	15.35	90.5	88.5	21.50	90.5
	22 45	34.484	30.77	19.74	15.20	90.5	88.7	21.54	90.6
	23 00	34.484	30.87	19.81	15.25	90.5	88.8	21.52	90.6
	23 15	34.484	30.87	19.78	15.22	90.5	88.8	21.52	90.7
	23 30	34.484	30.87	19.71	15.15	90.5	88.7	21.52	90.8
	23 45	34.621	30.87	19.61	15.02	90.5	88.7	21.55	90.8
June 10th.	00 00	34.758	31.34	19.59	15.90	90.5	88.4	21.55	90.8
Sept. 16th.	23 00	37.288	36.94	20.10	14.80	84.4	81.3	18.55	84.4
	23 30	38.943	37.99	19.65	13.95	84.6	81.8	18.50	84.9
	23 45	38.737	37.99	19.50	13.90	84.6	81.8	18.50	84.9
Sept. 17th.	0 00	38.943	37.99	19.65	14.10	84.7	81.9	18.40	85.0
	0 15	38.600	38.14	19.84	14.28	84.6	81.9	18.40	85.1
	0 30	38.463	38.04	20.04	14.46	84.2	81.6	18.36	85.0
	0 45	38.257	37.99	20.04	14.50	84.0	81.5	18.36	84.9
	1 00	38.326	37.98	19.97	14.50	83.8	81.4	18.40	84.7
	1 15	38.257	37.89	20.00	14.54	83.2	81.3	18.40	84.5
	1 30	38.257	37.99	19.88	14.25	83.0	81.0	18.40	84.2
	1 45	38.463	38.14	19.82	14.20	82.9	81.0	18.40	84.0
	2 00	38.737	38.41	19.94	14.60	82.9	81.0	18.40	84.0
	2 15	38.600	37.99	20.00	14.66	82.8	81.0	18.40	84.0

DISTURBANCE OBSERVATIONS, 1864.

DATE. Göttingen Mean Time.		DECLINATION.		HORIZONTAL FORCE MAGNETOMETERS.				VERTICAL FORCE MAGNETOMETER.	
		Large.	Small.	Large.	Small.	Thermometers,			
		At Full Time.	5 min. after Full Time.	2 min. after Full Time.	4 min. after Full Time.	Large. H. F. M.	Small H. F. M.	2 min. before Full Time.	Thermometer.
	H. M.			Sc. Read. Uncorrected.	Sc. Read. Uncorrected.			Sc. Read. Uncorrected.	
SEPT. 17TH.	2 30	38·394	37·73	20.08	14.80	82·7	80·9	18.38	83·9
	2 45	38.983	37.63	19.92	14.62	82.7	80.9	18.40	83.7
	3 00	37.777	37.47	19.85	14.47	82.6	80.9	18.40	83.5
	3 15	37.845	37.47	20.18	14.68	82.6	80.8	18.38	83.5
	3 30	37.845	37.47	20.26	14.82	82.6	80.8	18.34	83.4
	3 45	37.571	37.31	20.38	15.10	82.5	80.6	18.40	83.4
	4 00	37.365	36.94	20.40	15.30	82.5	80.5	18.40	83.4
	4 15	37.571	37.47	20.46	15.38	82.4	80.4	18.40	83.3
	4 30	36.954	36.94	20.35	15.30	82.3	80.4	18.40	83.3
	4 45	36.885	36.68	20.33	15.10	82.3	80.4	18.40	83.3
	5 00	37.434	37.05	20.26	14.90	82.3	80.3	18.38	83.3
	5 15	37.777	37.47	20.25	14.64	82.2	80.3	18.38	83.3
	5 30	38.257	37.47	20.10	14.40	82.2	80.3	18.41	83.3
	5 45	38.257	37.47	20.09	14.40	82.2	80.3	18.44	83.3
	6 00	38.806	37.47	20.53	15.18	82.1	80.2	18.47	83.2
	6 15	38.806	38.14	20.58	15.24	82.1	80.2	18.49	83.2
	6 30	37.777	37.63	20.66	15.29	82.1	80.2	18.52	83.1
	6 45	37.228	36.84	20.76	15.29	81.9	80.1	18.47	83.0
	7 00	37.022	36.68	20.71	15.18	81.8	80.0	18.44	83.0
	7 15	36.954	36.68	20.73	15.18	81.8	80.0	18.42	82.9
	7 30	36 679	36.58	20.78	15.20	81.7	80.0	18.40	82.9
	7 45	36 542	36.37	20.84	15.25	81.7	80.0	18.39	82.8
	8 00	37.708	36.94	20.61	15.18	81.7	80.0	18.40	82.8
	8 15	36.885	36 42	21.50	16.50	81.7	80.0	18.40	82.8
	8 30	36.885	36.42	21.50	16.50	81.6	80.0	18.38	82.8
	8 45	36.954	36 42	21.35	16.40	81.6	80.0	18.40	82.7
	9 00	37.297	36 94	21.00	15.60	81.5	80.0	18.40	82.6
	9 15	37.708	36.94	20 95	15.55	81.4	80.0	18.40	82.5
	9 30	37.571	37.47	20.95	15.60	81 3	79.8	18.40	82.4
	9 45	37.777	37.47	21.00	15.60	81.2	79.7	18.40	82.3
	10 00	38.463	37.99	20.95	15.60	81.1	79.7	18.40	82.2
	10 15	38.600	37.99	21.00	15.60	81.0	79.5	18.40	82.0
	10 30	37 983	36.94	20.90	15.50	81.0	79.5	18.40	82.0
	10 45	38.120	37.99	21.00	15.60	81.0	79.5	18.40	82.0
	11 00	37.571	37.47	21.10	15.70	81.0	79.5	18.40	82.0
	11 15	37.502	37.47	21.15	15.70	81.1	79.5	18.40	82.0
	11 30	37.777	37.99	21.15	15.70	81.2	79.7	18.40	82.0
	11 45	37.640	37.47	21.10	15.65	81.4	79.5	18.40	81.9
	12 00	37.983	37.99	21.10	15.60	81.5	79.4	18.40	82.0
	12 15	37.845	37.68	21.00	15.54	81.5	79.4	18.40	82.0
	12 30	37.571	37.47	20.95	15.50	81.5	79.4	18.40	82.0
	12 45	37.640	37.63	21.00	15.62	81.5	79.4	18.40	82.0
	13 00	37.776	37.47	21.05	15.70	81.5	79.3	18.40	82.0
	13 15	37.776	37.47	21.08	15.76	81.5	79.3	18.42	82.0
	13 30	37.640	37.47	21.10	15.80	81.5	79.3	18.42	82.0
	13 45	37.640	37.47	21.22	15.94	81.5	79.3	18.44	81.9
	14 00	38.669	38.51	21.15	15.98	81.6	79.2	18.48	82.0
	14 15	38.943	38.56	21.12	15.80	81.6	79.2	18.46	82.0
	14 30	39.012	38.72	21.00	15.74	81.6	79.2	18.44	82.0
	14 45	39.286	38.77	21.00	15.74	81.7	79.3	18.44	82.1
	15 00	39.217	38.56	20.95	15.60	81.8	79.3	18.40	82.1
	15 15	38.874	38.46	20.80	15.56	81.8	79.4	18.38	82.2
	15 30	39.012	38.77	20.88	15.60	82.0	79.4	18.30	82.2
	15 45	38.600	38.56	20.86	15.60	82.3	79.5	18.30	82.3
	16 00	38.326	38.20	20.85	15.58	82.5	79.6	18.30	82.4
	16 15	38.326	38.20	20.82	15.54	82.6	79.7	18.30	82.5
	16 30	37.434	36.68	20.95	15.80	82.9	79.8	18.24	82.8
	16 45	37.091	36.06	20.99	15.82	83.1	79.9	18.20	82.9
	17 00	36.679	35.58	21.04	15.84	83.4	80.0	18.18	83.0
	17 15	36.473	35.38	21.10	15.93	83.5	80.1	18.17	83.1

DISTURBANCE OBSERVATIONS, 1864.

Date. Göttingen Mean Time.		Declination.		Horizontal Force Magnetometers.				Vertical Force Magnetometer.	
		Large.	Small.	Large.	Small.	Thermometers.			
		At Full Time.	5 min. after Full Time.	2 min. after Full Time.	4 min. after Full Time.	Large. H. F. M.	Small. H. F. M.	2 min. before Full Time.	Thermometer.
	H. M.			Sc. Read. Uncorrected.	Sc. Read. Uncorrected.			Sc. Read. Uncorrected.	
Sept 17th.	17 30	36·962	34·33	21.08	15.93	83°7	80°1	18.17	83°3
	17 45	35.513	34.33	21.02	15.90	83·9	80.3	18.17	83.5
	18 00	35·101	34.33	21.01	15.90	84.0	80.5	18.16	83.8
	18 15	34.896	34.33	21.01	15.90	84.1	80.6	18.14	83.9
	18 30	34.621	34.28	21.06	16.00	84.3	80.8	18.08	83.9
	18 45	34.553	34.28	21.07	16.04	84.4	80.9	18.00	83.9
	19 00	34.347	33.44	21.09	16.18	84.5	81.6	18.07	84.1
	19 15	34.141	33.28	21.09	16.19	84.7	81.8	18.09	84.2
	19 30	34.141	33.28	21.11	16.20	84.8	81.9	18.12	84.3
	19 45	34.004	33.23	21.11	16.20	84.9	82.0	18.14	84.4
	20 00	34.004	33.18	21.05	16.00	84.9	82.0	18.14	84.7
	20 15	34.827	34.33	20.80	15.90	84.9	82.0	18.10	84.8
	20 30	34.690	33.81	21.00	16.00	85.0	82.0	18.05	84.8
	20 45	34.758	33.33	21.05	16.05	85.0	82.2	18.00	84.9
	21 00	34.827	33.81	21.05	16.20	85.0	82.5	18.00	85.0
	21 15	34.827	33.81	21.05	16.20	85.1	82.5	18.00	85.0
	21 30	34.896	33.81	21.05	16.20	85.2	82.6	18.05	85.1
	21 45	35.170	33.81	21.10	16.25	85.4	82.6	18.05	85.2
	22 00	35.856	35.37	20.90	15.90	85.4	82.9	18.05	85.5
	22 15	36.199	35.90	20.70	15.70	85.5	83.1	18.07	85.6
	22 30	36.542	36.42	20.55	15.50	85.6	83.3	18.08	85.7
	22 45	37.228	36.42	20.20	15.20	85.7	83.4	18.08	85.9
	23 00	37.571	36.94	20.30	15.20	85.4	83.3	18.10	85.9
	23 15	38.257	36.99	20.60	15.50	85.3	83.2	18.10	86.0
	23 30	38.600	36.99	20.40	15.40	85.2	83.1	18.05	86.1
	23 45	38.943	36.99	20.30	15.20	85.2	83.0	18.05	86.1
Oct. 13th.	1 00	41.481	40.60	18.90	12.05	85.5	83.2	31.30	86.5
	1 15	40.932	40.39	18.93	12.00	85.1	83.0	31.30	86.2
	1 30	40.109	39.04	18.90	12.00	85.0	83.0	31.20	86.1
	1 45	40.315	39.56	18.72	11.72	84.8	83.0	31.32	86.0
	2 00	40.178	39.04	18.41	11.20	84.6	82.9	31.40	85.9
	2 15	40.521	39.31	18.49	11.34	84.5	82.7	31.46	85.8
	2 30	40.795	39.86	19.00	12.30	84.4	82.6	31.50	85.8
	2 45	39.629	38.15	19.85	13.60	84.4	82.4	31.45	85.7
	3 00	38.874	37.47	20.10	13.95	84.3	82.3	31.46	85.6
	3 15	38.600	37.25	19.90	13.70	84.3	82.3	31.46	85.5
	3 30	38.874	37.47	19.80	13.56	84.2	82.2	31.60	85.5
	3 45	39.149	37.73	19.65	13.20	84.1	82.1	31.68	85.4
	4 00	39.355	37.99	19.55	12.80	84.0	82.1	31.80	85.2
	4 15	39.972	38.15	19.55	12.79	83.8	82.1	31.80	85.1
	4 30	39.972	38.25	19.59	12.85	83.8	82.0	31.90	85.1
	4 45	40.246	38.30	19.60	12.80	83.8	82.0	31.92	85.0
	5 00	39.629	38.10	19.50	12.80	83.7	82.0	31.95	84.9
	5 15	40.246	38.25	19.52	12.85	83.7	82.0	31.95	84.9
	5 30	39.972	38.05	21.15	14.80	83.7	81.9	31.92	84.8
	5 45	40.041	37.84	21.35	15.60	83.6	81.9	31.90	84.8
	6 00	38.942	37.73	20.90	15.25	83.6	81.8	31.90	84.7
	6 15	39.560	37.79	21.15	15.49	83.4	81.7	31.90	84.6
	6 30	38.943	37.42	20.85	15.35	83.3	81.6	31.90	84.5
	6 45	39.286	37.84	20.81	15.72	83.3	81.6	31.85	84.5
	7 00	38.600	37.84	20.50	15.29	83.2	81.5	31.80	84.5
	7 15	38.737	37.78	20.35	15.10	83.1	81.4	31.80	84.4
	7 30	38.600	37.73	20.21	15.01	83.1	81.2	31.80	84.4
	7 45	39.012	38.10	20.40	15.32	83.0	80.8	31.80	84.3
	8 00	39.286	37.84	20.40	15.70	82.9	80.5	31.80	84.0
	8 15	39.012	37.68	20.50	15.69	82.8	80.3	31.80	83.9
	8 30	38.051	37.68	20.73	15.70	82.7	80.2	31.81	83.8
	8 45	38.806	38.15	20.40	14.50	82.7	80.1	31.83	83.7

DISTURBANCE OBSERVATIONS, 1864.

DATE. Göttingen Mean Time.		DECLINATION.		HORIZONTAL FORCE MAGNETOMETERS.				VERTICAL FORCE MAGNETOMETER.	
		Large.	Small.	Large.	Small.	Thermometers.			
		At Full Time.	5 min. after Full Time.	2 min. after Full Time.	4 min. after Full Time.	Large. H. F. M.	Small. H. F. M.	2 min. before Full Time.	Thermometer.
	H. M.			Sc. Read. Uncorrected.	Sc. Read. Uncorrected.			Sc. Read. Uncorrected.	
OCT. 13TH.	9 00	38·531	37·52	20.97	14.90	82°5	80°1	31.69	83°7
	9 15	38.326	37.25	21.04	15.00	82·4	80.0	31.58	83.6
	9 30	37.914	36.94	21.40	15.48	82·3	79.9	31.50	83.5
	9 45	37.640	36.68	21.54	15 60	82·2	79.9	31.48	83.4
	10 00	38.257	36.94	21.78	15.70	82·1	79.9	31.68	83.3
	10 15	37.571	36.73	21.64	15.60	82·0	79.9	31.69	83.3
	10 30	37.777	36.73	21.53	15.44	81·9	79.8	31.69	83·3
	10 45	37.571	36.42	21.50	15.40	81·9	79.8	31.74	83.2
	11 00	37.571	36.42	21:37	15.15	81·8	79.6	31.62	83.2
	11 15	37.434	36.37	21.31	15.10	81·7	79.5	31.60	83.2
	11 30	37.434	36.37	21.28	15.03	81·6	79.4	31.60	83.2
	11 45	37.983	36.73	21.28	15.00	81·5	79.3	31.77	83.1
	12 00	37.777	36.47	21.27	14.96	81·4	79.1	31.83	83.0
	12 15	37.708	36.47	21.25	14.95	81·3	79.0	31.85	83.0
	12 30	37.914	36.73	21.29	14.95	81·2	78.9	31.88	82.9
	12 45	37.983	36.73	21.32	14.98	81·1	78.9	31.88	82.8
	13 00	38.257	36.94	21.25	14.85	81·0	78.8	31.86	82.6
	13 15	38.394	37.10	21.26	14.85	80·9	78.8	31.85	82.5
	13 30	38.188	36.94	21.30	14.89	80·8	78.7	31.85	82.4
	13 45	38.394	36.94	21.35	14.92	80·6	78.5	31.88	82.3
	14 00	37.983	36.68	21.40	15.10	80 5	78.2	31.92	82.1
	14 15	37.914	36.73	21.46	15.18	80·3	78.0	31.95	82.0
	14 30	37.914	36 73	21,50	15.20	80·3	78.0	32·02	81.9
	14 45	37.983	36.78	21.52	15.20	80·5	78.0	32.10	81.8
	15 00	38.257	36,94	21.45	15.20	80.9	78.0	32.05	81.8
	15 15	38 600	37.47	21.47	15.30	81·5	78.3	32.08	81.9
	15 30	38.600	37.47	21.55	15.45	81·5	78.6	32.06	82.1
	15 45	38.600	37.47	21.53	15.42	81·8	78.9	31.95	82.1
	16 00	38.394	37.36	21.55	15.50	82·2	79.2	31.85	82.3
	16 15	38.257	37.36	21.59	15.50	82.8	80.0	31.82	82.4
	16 30	38.188	38.15	21.65	15.62	82·9	80·0	31.80	82.5
	16 45	38.257	38.10	21.60	15.58	83.0	80.1	31.80	82.7
	17 00	37.914	37.74	21.45	15.45	83.2	80.1	31.80	83.0
	17 15	37.640	37.68	21.62	15.40	83.3	80.2	31.80	83.2
	17 30	37.983	37.63	21.60	15.45	83.6	80.5	31.78	83.4
	17 45	37.434	37.52	21.38	15.32	83.8	80.7	31.75	83.4
	18 00	37.228	35.90	21.30	15.35	84.2	81.8	31.70	83.5
	18 15	37.228	35.73	21.25	15.31	84.3	81.9	31.78	83.7
	18 30	36.885	35.48	21.35	15.30	84.4	82.0	31.90	83.9
	18 45	36.885	35.11	21.41	15.45	84.5	82.0	31.90	83.9
	19 00	36.542	35.37	21.31	15.40	84.8	82.0	31.90	83.8
	19 15	36.542	35.11	21.21	15.35	84.9	82.1	31.90	84.1
	19 30	36.885	34.90	21.10	15·23	84.9	82.2	31.45	84.1
	19 45	36.816	34.70	21.10	15.20	84.9	82.2	31.29	84.2
	20 00	36.542	35.06	21.10	15.01	84.9	82.2	31.30	84.2
	20 15	36.473	35.06	21.07	14.96	85.0	82.5	31.35	84.4
	20 30	36.542	35.37	21.03	14.92	85.0	82.6	31.42	84.6
	20 45	36.748	35.90	20.99	14.90	85.1	82.6	31.48	84.8
	21 00	37.228	36.21	20.95	14.90	85.2	83.0	31.49	85.0
	21 30	37.502	36.42	20.88	14.84	85.2	83.3	31.50	85.3
	22 00	38.188	36.94	20.89	14.84	85.3	83.5	31.51	85.6
	22 30	38.600	37.36	20.84	14.79	85.4	83.6	31.51	86.0
	23 00	38.943	37.94	20.71	14.76	85.4	83.6	31.54	86.2

OBSERVATIONS OF INCLINATION,

1864.

NOTE—*These Observations were taken with a Dip Circle of an old pattern by Henry Barrow of London.*

OBSERVATIONS OF INCLINATION, 1864.

Made at Bombay about 1 hour before Noon.

Date.	POLES DIRECT.				POLES REVERSED.				Mean.	Monthly Mean.
	Face of Needle.				Face of Needle.					
	Direct.		Reversed.		Direct.		Reversed.			
	a	*a'*	*a''*	*a'''*	*b*	*b'*	*b''*	*b'''*		
JAN. 5	18°55'0	19°15'0	20°10'0	18°22'5	19°10'0	18°47'5	18°42'5	20°55'0	19°17'2	
8	18.35.0	19.25.0	20.00.0	18.15.0	20.10.0	18.55.0	17.10.0	22.10.0	19.35.0	
12	18.40.0	19.20.0	19.37.5	18.37.5	20.45.0	18.42.5	17.42.5	21.20.0	19.20.6	
15	18.45.0	19.15.0	19.35.0	18.12.5	20.37.5	18.30.0	17.27.5	21.20.0	19.12.8	19°16'2
19	18.20.0	19.25.0	19.20.0	18.32.5	20.42.5	17.55.0	17.12.5	21.30.0	19.07.2	
22	18.22.5	19.25.0	20.05.0	18.17.5	21.20.0	17.35.0	17.02.5	21.55.0	19.15.3	
26	18.15.0	19.30.0	20.17.5	18.07.5	20.30.0	17.52.5	17.40.0	21.15.0	19.10.9	
29	18.22.5	19.20.0	19.47.5	18.17.5	20.17.5	18.30.0	18.05.0	20.45.0	19.10.6	
FEB. 2	18.37.5	19.35.0	19.57.5	18.02.5	19.45.0	19.02.5	18.02.5	19.55.0	19.07.2	
5	18.35.0	19.32.5	20.30.0	18.07.5	19.42.5	18.42.5	18.00.0	20.30.0	19.12.5	
12	17.47.5	19.27.5	19.55.0	18.32.0	20.12.5	18.17.5	18.17.5	22.20.0	19.21.2	
16	18.17.5	19.27.5	20.10.0	17.37.5	20.35.0	17.30.0	19.25.0	21.15.0	19.17.2	19.15.5
19	18.32.5	20.32.5	19.45.0	18.22.5	18.57.5	18.42.5	18.42.5	20.35.0	19.16.2	
23	18.30.0	20.17.5	19.15.0	18.55.0	19.47.5	19.05.0	18.45.0	20.27.5	19.22.8	
26	19.05.0	19.37.5	20.02.5	18.45.0	19.55.0	18.12.5	18.07.5	19.45.0	19.11.2	
MAR. 1	18.57.5	19.25.0	19.32.5	18.47.5	19.37.5	18.37.5	17.57.5	20.45.0	19.12.5	
4	18.22.5	19.12.5	20.10.0	18.27.5	21.02.5	19.32.5	18.22.5	21.20.0	19.33.8	
8	18.27.5	19.20.0	20.15.0	18.02.5	21.07.5	18.27.5	18.00.0	20.02.5	19.12.8	
11	18.27.5	17.37.5	20.17.5	18.12.5	19.55.0	18.37.5	18.45.0	20.07.5	19.15.0	19.16.1
15	18.40.0	19.45.0	19.45.0	18.47.5	20.37.5	18.22.5	18.02.5	20.07.5	19.15.9	
18	18.20.0	19.37.5	19.45.0	18.12.5	20.15.0	18.22.5	18.00.0	20.35.0	19.08.4	
22	17.57.5	20.25.0	20.15.0	18.02.5	20.00.0	18.37.5	18.42.5	20.05.0	19.15.6	
29	18.27.5	19.30.0	20.35.0	18.32.5	19.35.0	18.52.5	17.52.5	20.35.0	19.15.0	

OBSERVATIONS OF INCLINATION, 1864.

Made at Bombay about 1 *hour before Noon.*

Date.	POLES DIRECT. Face of Needle. Direct.		POLES DIRECT. Face of Needle. Reversed.		POLES REVERSED. Face of Needle. Direct.		POLES REVERSED. Face of Needle. Reversed.		Mean.	Monthly Mean.
	a	*a'*	*a''*	*a'''*	*b*	*b'*	*b''*	*b'''*		
APR. 1	18°27′5	19°25′0	20°05′0	18°17′5	19°50′0	18°27′5	18°07′5	20°25′0	19°08′1	
8	18.02.5	19.25.0	20.17.5	18.02.5	19.57.5	19.02.5	18.22.5	19.45.0	19.06.9	
5	18.22.5	20.30.0	20.42.5	18.05.0	19.37.5	19.10.0	18.57.5	19.45.0	19.23.8	
12	18.32.5	19.55.0	20.02.5	18.25.0	19.22.5	18.55.0	18.42.5	20.20.0	19.16.9	
15	18.05.0	19.50.0	20.12.5	18.05.0	19.25.0	19.07.5	18.22.5	19.10.0	19.02.2	19°12′3
19	18.22.5	19.57.5	20.25.0	18.15.0	19.35.0	18.52.5	17.42.5	20.50.0	19.15.0	
22	18.37.5	19.35.0	19.40.0	18.42.5	20.25.0	18.45.0	17.27.5	20.22.5	19.11.9	
26	17.45.0	18.30.0	18.45.0	17.35.0	20.55.0	19.30.0	19.47.5	21.52.5	19.20.0	
29	17.12.5	19.10.0	18.10.0	16.52.5	21.07.5	19.32.5	19.42.5	21.02.5	19.06.2	
MAY 3	16.47.5	18.17.5	18.30.0	17.07.5	21.55.0	19.30.0	19.42.5	22.05.0	19.14.4	
6	16.52.5	18.05.0	18.05.0	17.07.5	21.25.0	19.47.5	19.57.5	21.35.0	19.06.9	
10	17.07.5	18.35.0	18.00.0	16.37.5	21.30.0	20.02.5	19.32.5	22.20.0	19.13.1	
13	16.47.5	18.50.0	18.00.0	16.37.5	21.22.5	20.22.5	19.32.5	21.50.0	19.10.3	
17	16.32.5	18.20.0	18.15.0	17.17.5	21.52.5	20.42.5	19.52.5	22.05.0	19.22.2	19.12.8
20	16.12.5	18.22.5	17.57.5	16.37.5	21.42.5	20.35.0	20.32.5	22.00.0	19.15.0	
27	16.22.5	17.40.0	18.22.5	16.22.5	22.10.0	19.47.5	19.47.5	22.07.5	19.05.0	
31	16.22.5	17.30.0	18.07.5	16.20.0	23.42.5	19.22.5	19.37.5	23.02.5	19.15.6	
JUNE 3	16.02.5	18.05.0	18.20.0	16.02.5	22.02.5	20.10.0	20.00.0	22.10.0	19.06.6	
7	16.47.5	17.45.0	18.15.0	16.22.5	21.37.5	20.05.0	20.07.5	22.25.0	19.10.6	
10	17.15.0	17.32.5	18.27.5	16.12.5	21.20.0	20.05.0	20.02.5	22.05.0	19.07.5	
14	16.37.5	17.50.0	18.22.5	16.12.5	21.35.0	20.10.0	20.02.5	22.05.0	19.06.9	19.09.5
17	16.07.5	18.02.5	18.10.0	16.00.0	21.35.0	20.12.5	19.52.5	22.30.0	19.03.8	
21	16.22.5	18.37.5	18.10.0	16.30.0	21.40.0	20.17.5	20.12.5	21.55.0	19.13.1	
24	16.12.5	18.25.0	18.05.0	16.50.0	21.35.0	20.20.0	20.17.5	21.55.0	19.12.5	
28	16.35.0	18.02.5	18.02.5	16.57.5	21.40.0	20.17.5	20.22.5	22.05.0	19.15.3	
JULY 1	16.22.5	18.30.0	18.40.0	16.30.0	21.25.0	20.17.5	20.05.0	22.25.0	19.16.9	
5	17.02.5	18.17.5	17.50.0	16.15.0	21.35.0	20.17.5	20.32.5	22.17.5	19.15.9	
8	15.30.0	17.55.0	18.42.5	15.20.0	23.52.5	20.45.0	20.40.0	22.25.0	19.23.8	
12	15.10.0	18.17.5	17.15.0	16.20.0	24.35.0	21.12.5	20.35.0	23.50.0	19.39.4	
15	16.17.5	17.55.0	17.42.5	16.45.0	22.20.0	20.50.0	21.22.5	22.15.0	19.25.9	19.23.4
19	17.47.5	18.05.0	18.05.0	16.27.5	23.15.0	21.17.5	20.32.5	22.35.0	19.30.6	
22	16.25.0	17.30.0	17.25.0	16.00.0	22.10.0	20.50.0	20.27.5	22.25.0	19.09.1	
26	15.55.0	17.15.0	17.52.5	16.02.5	23.02.5	20.27.5	20.47.5	22.35.0	19.14.7	
29	16.27.5	17.50.0	18.10.0	16.02.5	23.35.0	20.45.0	20.52.5	22.55.0	19.34.7	
AUG. 2	16.22.5	19.25.0	17.27.5	18.20.0	22.02.5	19.57.5	19.12.5	23.32.5	19.32.5	
5	17.42.5	17.35.0	18.35.0	16.30.0	22.00.0	20.52.5	19.17.5	22.50.0	19.25.3	
9	15.57.5	19.05.0	17.15.0	17.45.0	21.37.5	21.57.5	19.10.0	23.15.0	19.30.3	
12	16.10.0	17.52.5	18.42.5	16.30.0	21.27.5	19.45.0	20.12.5	22.45.0	19.10.6	
16	15.57.5	18.52.5	17.40.0	16.20.0	22.02.5	19.37.5	19.42.5	22.35.0	19.05.9	19.21.9
19	17.17.5	18.32.5	18.15.0	18.35.0	21.25.0	19.55.0	18.57.5	21.32.5	19.18.8	
23	17.45.0	17.37.5	17.55.0	17.55.0	20.40.0	19.40.0	19.40.0	22.20.0	19.11.6	
26	17.17.5	18.07.5	18.15.0	17.47.5	21.15.0	20.10.0	20.17.5	22.35.0	19.28.1	
30	18.35.0	17.35.0	18.32.5	18.00.0	21.45.0	20.00.0	20.05.0	22.02.5	19.34.4	
SEPT. 2	19.32.5	18.07.5	18.40.0	18.42.5	21 52.5	20.25.0	19.40.0	21·47.5	19.50.9	
6	18.37.5	19.25.0	18.05.0	18.17.5	22.00.0	20.02.5	18.12.5	22.10.0	19.36.2	
9	19.05.0	18.57.5	19.00.0	17.12.5	21.20.0	19.47.5	18.57.5	22.57.5	19.39.7	
13	18.00.0	18.20.0	19.30.0	18.20.0	21.05.0	20.02.5	19.37.5	22.10.0	19.38.1	
16	17.55.0	18.45.0	18.30.0	18.10.0	20.55.0	19.50.0	18.55.0	22.17.5	19.24.7	19.31.6
20	17.27.5	18.05.0	18.40.0	18.00.0	21.05.0	19.57.5	19.30.0	22.25.0	19.23.7	
23	17.55.0	18.10.0	18.50.0	18.37.5	20.45.0	19.45.0	19.05.0	22.10.0	19.24.7	
27	17.27.5	18.17.5	18.10.0	17.30.0	21.55.0	19.30.0	19.32.5	22.55.0	19.24.7	
30	17.25.0	18.25.0	17.55.0	18.25.0	20.55.0	20.00.0	19.25.0	22.25.0	19.21.9	

OBSERVATIONS OF INCLINATION, 1864.

Made at Bombay about 1 hour before Noon.

Date.	POLES DIRECT.				POLES REVERSED.				Mean.	Monthly Mean.
	Face of Needle.				Face of Needle.					
	Direct.		Reversed.		Direct.		Reversed.			
	a	a'	a''	a'''	b	b'	b''	b'''		
Oct. 4	18°22'5	18°45'0	18°25'0	18°30'0	21°35'0	20°47'5	19°55'0	21°50'0	19°46'2	
7	18.42.5	17.55.0	18.22.5	17.52.5	19.25.0	19.45.0	20.30.0	20.57.5	19.11.2	
11	17.35.0	17.45.0	18.45.0	18.52.5	21.50.0	20.10.0	20.05.0	22.00.0	19.37.8	
14	18.55.0	19.25.0	18.35.0	18.05.0	20.15.0	19.25.0	19.10.0	20.20.0	19.16.3	
18	19.15.0	19.25.0	18.35.0	18.20.0	20.25.0	19.40.0	18.40.0	21.05.0	19.25.6	19°27'7
21	19.15.0	19.35.0	18.55.0	18.10.0	19.40.0	19.40.0	20.00.0	21.00.0	19.31.9	
25	17.57.5	19.05.0	18.40.0	19.05.0	20.00.0	19.55.0	18.45.0	21.25.0	19.21.6	
28	18.25.0	18.55.0	19.10.0	18.02.5	21.05.0	19.35.0	19.25.0	21.30.0	19.30.9	
Nov. 1	17.35.0	19.20.0	18.02.5	19.25.0	21.05.0	19.52.5	19.42.5	21.25.0	19.33.4	
4	17.35.0	19.02.5	19.00.0	18.07.5	21.45.0	19.12.5	19.40.0	21.52.5	19.31.9	
8	18.25.0	18.30.0	19.40.0	18.32.5	20.45.0	19.50.0	19.50.0	22.07.5	19.42.5	
11	17.25.0	18.22.5	19.15.0	18.47.5	21.17.5	19.45.0	19.35.0	21.40.0	19.30.9	
15	17.30.0	18.35.0	19.05.0	18.05.0	20.40.0	19.45.0	19.50.0	21.42.5	19.24.1	19.29.5
18	18.55.0	19.05.0	19.00.0	17.55.0	21.25.0	19.57.5	18.30.0	21.05.0	19.29.1	
22	17.40.0	18.12.5	18.35.0	18.47.5	21.20.0	19.57.5	19.45.0	21.22.5	19.27.5	
25	18.40.0	18.35.0	19.00.0	18.47.5	21.15.0	19.30.0	18.55.0	21.25.0	19.30.9	
29	17.35.0	18.50.0	18.25.0	18.12.5	21.00.0	19.45.0	18.05.0	22.12.5	19.15.6	
Dec. 2	18.30.0	18.45.0	18.40.0	18.10.0	20.15.0	20.15.0	19.55.0	22.05.0	19.34.4	
6	17.35.0	19.05.0	19.05.0	18.35.0	20.45.0	20.25.0	18.50.0	22.20.0	19.35.0	
9	17.30.0	19.10.0	19.20.0	18.37.5	21.10.0	17.57.5	19.10.0	21.50.0	19.20.6	
13	18.10.0	20.42.5	18.50.0	18.50.0	15.05.0	20.52.5	16.40.0	22.55.0	19.00.6	19.22.3
16	18.05.0	19.05.0	18.55.0	19.27.5	20.20.0	20.17.5	19.50.0	21.15.0	19.39.4	
20	17.50.0	18.37.5	18.45.0	19.05.0	19.45.0	19.50.0	19.40.0	21.15.0	19.20.9	
23	18.40.0	19.40.0	19.05.0	17.55.0	18.20.0	19.45.0	19.45.0	20.57.5	19.15.9	
27	18.05.0	18.20.0	19.15.0	17.45.0	20.00.0	19.45.0	18.55.0	21.02.5	19.08.4	
30	18.15.0	19.20.0	19.15.0	18.10.0	21.05.0	19.37.5	18.15.0	21.25.0	19.25.3	
									Annual Mean..	19.19.9

DEFLECTION AND VIBRATION OBSERVATIONS.

OBSERVATIONS FOR ABSOLUTE DETERMINATION OF HORIZONTAL FORCE.

Date. 1864		Time of one Vibration of A.51 corrected for Torsion.	Torsion Coefficient of A.51 (k)	Deflection Distance.	Deflecting Magnet A.51.				Mean Deflection in Scale divisions.	Torsion Coefficient of I. 11 (t).	Corresponding Mean reading of L. H. F. Magnetometer.		Absolute Value of X.	I.M.	Monthly Mean Value of X.
					On East Side.		On West Side.								
					North Pole.										
					E.	W.	E.	W.			Scale Reading.	Attached Thermometer.			
	D.	S.		Ft.	Sca. div.	Sca. div.	Sca. div.	Sca. div.				°	E. un.		
JAN.	1	4.107		1.1	46.600	7.150	46.660	6.550	19.890						
				1.2	42.050	11.620	42.100	11.150	15.345		22.89	78.0	8.081	0.0815	
	8	4.109		1.1	46.270	6.910	46.410	6.250	19.880						
				1.2	41.730	11.400	41.810	10.960	15.295		23.64	77.1	8.083	0.0814	
	15	4.110		1.1	46.400	7.000	46.520	6.400	19.880						
				1.2	41.900	11.500	42.000	11.060	15.335		23.60	74.0	8.077	0.0815	
	22	4.108		1.1	46.760	7.360	46.900	6.740	19.890						
				1.2	42.260	11.820	42.320	11.400	15.340		23.83	74.9	8.079	0.0815	
	29	4.109	1.0021	1.1	46.920	7.480	47.040	6.960	19.855	1.0019					
				1.2	42.380	11.960	42.440	11.540	15.330		23.48	75.3	8.082	0.0815	8.0804
FEB.	5	4.110		1.1	46.550	7.100	46.600	6.500	19.887						
				1.2	42.100	11.550	42.070	11.200	15.355		21.87	82.9	8.073	0.0815	
	12	4.112		1.1	46.500	7.020	46.500	6.480	19.875						
				1.2	41.950	11.530	41.920	11.160	15.295		22.38	80.7	8.078	0.0814	
	19	4.109		1.1	46.520	7.100	46.540	6.560	19.850						
				1.2	42.000	11.540	41.960	11.200	15.305		23.12	80.6	8.086	0.0814	
	26	4.107	1.0021	1.1	46.580	7.150	46.620	6.600	19.862	1.0019					
				1.2	42.050	11.650	42.090	11.250	15.310		23.50	80.0	8.088	0.0815	8.0812
MARCH	4	4.109		1.1	46.450	7.100	46.540	6.540	19.837						
				1.2	41.950	11.550	41.950	11.150	15.300		23.36	83.1	8.087	0.0814	
	11	4.109		1.1	46.240	6.860	46.320	6.240	19.865						
				1.2	41.700	11.300	41.800	10.900	15.325		22.58	80.3	8.081	0.0815	
	18	4.109		1.1	46.600	7.200	46.620	6.600	19.855						
				1.2	42.020	11.640	42.080	11.240	15.305		22.50	82.2	8.086	0.0814	8.0847
APRIL	1	4.099		1.1	47.000	7.600	47.000	7.000	19.850						
				1.2	42.400	12.040	42.460	11.660	15.290		21.88	82.4	8.108	0.0816	
	8	4.097		1.1	46.600	7.340	46.700	6.680	19.820						
				1.2	42.100	11.760	42.140	11.340	15.285		22.63	82.9	8.115	0.0816	
	15	4.105		1.1	46.600	7.260	46.700	6.650	19.848						
				1.2	42.030	11.700	42.100	11.340	15.272		22.60	83.3	8.099	0.0814	
	22	4.101		1.1	46.100	6.800	46.150	6.250	19.800						
				1.2	41.600	11.260	41.620	10.940	15.255		22.53	86.1	8.114	0.0818	
	29	4.109		1.1	46.550	7.150	46.550	6.610	19.835						
				1.2	42.000	11.600	42.020	11.280	15.285		21.30	85.8	8.090	9.0814	8.1052
MAY	6	4.104		1.1	46.500	7.150	46.600	6.560	19.847						
				1.2	41.960	11.570	42.020	11.250	15.290		21.66	84.8	8.098	0.0815	
	13	4.104		1.1	46.700	7.340	46.750	6.750	19.840						
				1.2	42.200	11.800	42.200	11.420	15.295		22.06	85.2	8.098	0.0815	
	20	4.109		1.1	46.740	7.320	46.760	6.780	19.850						
				1.2	42.180	11.800	42.200	11.400	15.295		21.34	86.9	8.087	0.0814	
	27	4.109	1.0144	1.1	46.540	7.200	46.540	6.600	19.820	1.0017					
				1.2	42.000	11.640	41.980	11.280	15.265		21.18	88.6	8.095	0.0813	8.0945
JUNE	3*	3.742		1.1	50.240	3.400	50.580	2.960	23.615						
				1.2	44.900	8.700	45.050	8.450	18.200		22.29	89.2	8.142	0.0975	
	10	3.776		1.1	50.250	3.350	50.500	2.950	23.612						
				1.2	44.850	8.750	45.050	8.450	18.175		20.38	90.5	8.071	0.0966	
	17	3.774	1.0023	1.1	50.460	3.600	50.750	3.210	23.600						
				1.2	45.100	8.950	45.250	8.700	18.175	1.0017	21.25	88.9	8.075	0.0966	8.0960

* The deflecting magnet A.51 was remagnetized between May 27 and June 3.

OBSERVATIONS FOR ABSOLUTE DETERMINATION OF HORIZONTAL FORCE.

Date, 1864.	Time of one Vibration of A' 51 corrected for Torsion.	Torsion Coefficient of A' 51 (k').	Deflection Distance.	Deflecting Magnet A' 51. On East Side. North Pole. E.	On East Side. North Pole. W.	On West Side. North Pole. E.	On West Side. North Pole. W.	Mean Deflection in Scale divisions.	Torsion Coefficient of 1' 11 (k).	Corresponding Mean reading of L. H. F. Magnetometer. Scale Reading.	Attached Thermometer.	Absolute Value of X.	L.M.	Monthly Mean Value of X.
D.	s.		Ft.	Sca. div.	Sca. div.	Sca. div.	Sca. div.				°	E. un.		
July 28	3.776		1·1	50.700	3.840	50.900	3.400	23.590		20.36	85.0	8.077	0.0965	8.0770
			1·2	45.260	9.240	45.440	8.900	18.140						
Aug. 5	3.777		1·1	50.780	3.950	51.030	3.600	23.565		21.20	85.2	8.076	0.0965	
			1·2	45.350	9.320	45.580	9.000	18.152						
17	3.777		1·1	50.680	3.900	50.900	3.480	23.550		21.98	82.5	8.075	0.0965	
			1·2	45.350	9.200	45.480	8.950	18.170						
19	3.779		1·1	50.800	3.950	51.000	3.550	23.575		21.45	83.9	8.067	0.0966	
			1·2	45.450	9.300	45.550	9.050	18.175						
27	3.779		1·1	50.460	3.700	50.750	3.300	25.552		21.57	82.8	8.074	0.0965	8.0730
			1·2	45.100	9.100	45.300	8.750	18.137						
Sept. 2	3.779		1·1	50.550	3.750	50.770	3.340	23.557		21.89	82.0	8.071	0.0965	
			1·2	45.210	9.120	45.350	8.800	18.160						
9	3.774		1·1	50.450	3.600	50.800	3.220	23.607		22.12	84.3	8.076	0.0967	
			1·2	45.180	8.910	45.200	8.740	18.182						
16	3.774		1·1	50.500	3.620	50.700	3.200	23.595		21.90	83.7	8.075	0.0967	
			1·2	45.150	8.910	45.300	8.780	18.190						
23	3.778		1·1	50.880	4.100	51.100	3.650	23.557		20.96	84.6	8.073	0.0965	
			1·2	45.550	9.410	45.660	9.150	18.162						
30	3.778	1.0017	1·1	50.850	4.150	51.140	3.730	23.527	1.0016	21.35	87.8	8.077	0.0965	8.0742
			1·2	45.550	9.480	45.700	9.170	18.150						
Oct. 7	3.774		1·1	50.550	3.830	50.800	3.500	23.505		22.87	85.8	8.086	0.0966	
			1·2	45.260	9.150	45.440	8.950	18.150						
14	3.777		1·1	51.050	4.250	51.310	3.850	23.565		21.62	84.2	8.077	0.0965	
			1·2	45.660	9.590	45.830	9.320	18.145						
21	3.777		1·1	50.900	4.250	51.250	3.830	23.517		21.63	86.4	8.083	0.0965	
			1·2	45.600	9.600	45.790	9.300	18.122						
28	3.776		1·1	51.290	4.590	51.510	4.160	23.512		22.30	86.0	8.083	0.0965	8.0822
			1·2	45.890	9.930	46.080	9.610	18.107						
Nov. 11	3.778		1·1	51.140	4.500	51.500	3.950	23.547		21.75	87.1	8.077	0.0965	
			1·2	45.790	9.800	46.020	9.450	18.140						
18	3.776		1·1	50.900	4.310	51.200	3.850	23.485		22.21	85.4	8.091	0.0964	
			1·2	45.550	9.660	45.750	9.300	18.085						
25	3.774	1.0024	1·1	50.950	4.280	51.280	3.850	23.525	1.0020	22.54	83.9	8.090	0.0965	8.0860
			1·2	45.610	9.650	45.850	9.330	18.120						
Dec. 2	3.777		1·1	51.300	4.480	51.420	4.050	23.547		22.52	84.9	8.083	0.0965	
			1·2	45.750	9.800	45.940	9.490	18.160						
9	3.777		1·1	48.000	1.490	48.190	1.100	23.400	1.0029	22.31	84.4	8.103	0.0962	
			1·2	42.580	6.850	42.750	6.510	17.992						
16	3.779		1·1	50.800	4.200	51.160	3.760	23.500		22.75	83.0	8.084	0.0963	
			1·2	45.500	9.550	45.670	9.200	18.105						
23	3.790		1·1	51.150	4.690	51.510	4.250	23.430		22.70	81.1	8.072	0.0959	
			1·2	45.850	9.960	46.050	9.700	18.060						
30	3.792	1.0038	1·1	51.000	4.610	51.320	4.150	23.390	1.0015	22.88	82.5	8.077	0.0958	8.0838
			1·2	45.680	9.930	45.890	9.620	18.005						

Mean annual value of X = 8·0848

BOMBAY GOVERNMENT OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

1864.

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
															Readings of		
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer. 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Straws of Volta 1.	Straws of Volta 2.	Interval of Time in seconds to the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 2nd-Midnight	29.891	29.338	68°0	64°0	4°0	61°6	0.553	0.81	69°0	75°4	N	0.4		+	1		Above 10m.
1 a. m.	.879	.316	69.1	64.7	4.4	62.2	.563	.80	69.0	75.4	N b E	0.0					c
2 „	.870	.309	68.4	64.4	4.0	62·1	.561	.81	68.9	75.3	„	0.1					
3 „	.866	.379	66.2	61.1	5.1	57.8	.487	.76	68.7	75.2	„	0.1					
4 „	.866	.428	65.0	59.0	6.0	54.7	.438	.71	68.6	75.1	„	0.1					
5 „	.883	.355	67.5	63.0	4.5	60.3	.528	.79	69.0	75.1	NNE	0.1					
6 „	.893	.387	66.8	62.0	4.8	59.0	.506	.77	69.0	75.0	„	0.1					
7 „	.923	.385	66.6	63.0	3.6	60.8	.538	.83	69.0	74.9	„	0.1					
8 „	.947	.395	69.5	64.5	5.0	61.6	.552	.77	70.0	74.8	NE b E	0.2					
9 „	.950	.434	71.4	64.0	7.4	59.6	.516	.68	72.3	74.8	„	0.2	None.			None.	
10 „	.954	.410	72.2	65.2	7.0	61.2	.544	.70	72.5	74.8	„	0.3					
11 „	.937	.355	73.4	66.8	6.6	63.2	.582	.72	72.6	74.9	ENE	0.2					
Noon.	.905	.345	76.0	67.0	9.0	62.0	.560	.64	73.7	75.0	N b E	0.3					
1 p. m.	.871	.350	77.8	66.4	11.4	59.9	.521	.56	75.0	75.1	NW	0.6					
2 „	.856	.296	79.0	68.0	11.0	62.0	.560	.58	76.0	75.2	„	0.6					
3 „	.846	.290	80.3	68.3	12.0	61.8	.556	.55	76.5	75.4	NW b N	0.7					
4 „	.845	.265	80.2	69.0	11.2	63.1	.580	.58	77.0	75.5	„	0.3					
5 „	.852	.204	77.8	70.2	7.6	66·5	.648	.70	76.7	75.6	„	0.4					
6 „	.864	.185	75.9	70.5	5 4	67.9	.679	.77	76.0	75 6	NNW	0.2					
7 „	.887	.230	74.8	69.5	5.3	66.9	.657	.77	75.1	75.6	„	0.3					
8 „	.902	.283	74.2	68.2	6.0	65.1	.619	.74	75.0	75.6	„	0.2					
9 „	.911	.296	74.0	68.0	6.0	64.9	.615	.74	74.7	75.5	„	0.2					
10 „	.913	.322	73.2	67.0	6.2	63.7	.591	.73	74.1	75.5	N b W	0.2					
11 „	.907	.303	72.0	67.0	5.0	64.3	.604	.78	76.7	75.4	„	0.4					
Jan. 4th-Midnight	.888	.273	71.0	67.0	4.0	64.9	.615	.82	72.1	75.6	NNW	0.0					
1 a. m.	.874	.298	69.3	65.2	4.1	62.9	.576	.81	71.6	75 5	„	0.1					
2 „	.867	.312	68.7	64·3	4.4	61·8	.555	.80	71.2	75.4	NW b N	0.1					
3 „	.865	.302	68.5	64.5	4.0	62.2	.563	.82	70.7	75.3	„	0.0					
4 „	.870	.321	67.0	63.5	3.5	61.4	.549	.83	70.2	75.2	NNW	0.0					
5 „	.891	.313	68.5	65.0	3.5	63.0	.578	.84	70.3	75.2	„	0.0					
6 „	.909	.346	68.5	64 5	4.0	62.2	.563	.82	70.3	75.2	„	0.0					
7 „	.947	.400	68.5	64.0	4.5	61.3	.547	.79	70.2	75.1	N b W	0.1					
8 „	.965	.456	70.4	63.4	7.0	59.2	.509	.69	71.0	75.0	N	0.3					
9 „	.979	.470	72.0	64.0	8.0	59.2	.509	.66	71.5	75 0	„	0.2					
10 „	.985	.419	74.0	66.5	7.5	62.3	.566	.68	72.2	75.0	„	0.3					
11 „	.965	.438	76.1	66.0	10.1	60.2	.527	.60	73.1	75.0	W b W	0.2	None.			None.	
Noon.	.937	.410	76.1	66.0	10.1	60 2	.527	.60	73.7	75·1	NNW	0.6					
1 p. m.	.892	.401	77.6	65.4	12.2	58.1	.491	.53	75 0	75.2	„	0.5					
2 „	.869	.372	77.0	65.4	11.6	58.4	.497	.55	75.2	75.3	NW b N	0.4					
3 „	.860	.390	78.4	65.0	13.4	56.8	.470	.49	75.4	75.4	„	0.6					
4 „	.863	.357	78.0	66.0	12.0	59 0	.506	.54	75 5	75.5	„	0.4					
5 „	.883	.374	74.8	65.0	9.8	59 2	.509	.60	74.6	75.5	„	0.5					
6 „	.893	.395	73.0	64.0	9.0	58.5	.498	.62	74.0	75 5	NNW	0.4					
7 „	.913	.394	72.5	64.5	8.0	59.7	·519	.66	73.3	75.5	„	0.4					
8 „	936	.399	72.3	65.0	7.3	60.8	.537	.69	73.1	75.4	„	0.4					
9 „	.940	.424	71.4	64.0	7.4	59.6	.516	.68	72.1	75.4	N b W	0.3		+	6		3.4
10 „	.931	.388	69.5	64.2	5.3	61.1	.543	.76	71.9	75.4	„	0.2		+	12		1.11
11 „	.925	.429	68.6	62.3	6.3	58.4	.496	.71	70.7	75.3	NNE	0.3		+	10		1.24
Jan. 5th-Midnight	.922	.344	67.4	64.6	2.8	63.0	.578	.90	70.0	75.2	NNE	0.2		+	12		1.00
1 a. m.	.922	.421	67.3	62.0	5.3	58.7	.501	.75	70.0	75.1	„	0.1		+	24	22	0.47
2 „	.916	.393	68.0	63.0	5.0	60.0	.523	.77	70.0	75.0	„	0.1		+	20	18	1.5
3 „	.913	.409	67.0	62.0	5.0	58.9	.504	.77	69.8	74.9	„	0·1		+	20	18	1.2
4 „	.916	.407	66 5	62.0	4,5	59.2	.509	.79	69.3	74.8	„	0.3		+	10	8	1.10
5 „	.939	.512	66.0	59.0	7.0	53.9	.427	.67	68.5	74.7	„	0.0	None.	+	6		1.00
6 „	.954	.494	66.4	60.3	6.1	56.2	.460	.71	68.5	74.6	„	0.1		+	2		2.38
7 „	.982	.481	67 3	62.0	5.3	58.7	.501	.75	69.0	74.5	„	0.4		+	8		0.56
8 „	30.008	.496	69.0	63.0	6.0	59.3	.512	.73	69.6	74.4	NE b E	0.2		+	1		Above 10m.
9 „	.024	.509	71.5	64.0	7.5	59.5	.515	.68	70.0	74.3	„	0.2		+	2		Above 10m.
10 „	.024	.471	72.3	65 5	6.8	61.6	.553	.71	71.2	74.4	„	0.2		+	1		Above 10m.
11 „	.009	.502	75.0	65.0	10.0	59.0	.507	.59	72.0	74.4	NNE	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather. (Note.—In recording these Observations, the Symbols used to denote the clouds are: Ni cirri; Ni cirro-cumuli; Ni cumuli; Ni cirro-strati; Ni cumulo-strati; and Ni nimbi.	Remarks.
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 83°0. Height of Barometer at 4 P.M. was 29·845 in. least in the month, and about 0·040 in. lower than the Normal mean. Temperature of Evaporation and that of the Dew-point at 6 P.M. was greatest during the month, the former about 1°8 greater, and the latter 2°5 greater, than the respective Normal mean.
0	C	Cloudless and dew falling.	
0	C	" "	
0	C	" "	
0	C	" "	
0	B	" "	
0	B	" "	
0	B	Mist around hor.	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	Mist in W hor.	
0	C	" "	2nd January was the 1st day on which sky was almost cloudless.
0	C	A few clouds in E hor.	
0	C	" "	
0	C	" "	
0	G	Haze along the E hor.	
0	G	" "	
0	G	Cloudless.	
0	G	"	
0	G	"	
0	G	"	
0	G	Cloudless; dew falling.	
0	G	A few Ni around hor.; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 82°8.
0	C	" " "	
1	C	Ni scattered around hor.; dew falling.	
1	C	" " "	
3	C	Ni scattered about; dew falling.	
1	B	Ni scattered in hor.; dew falling.	
3	B	" " "	
2	B	Ni scattered around hor.; mist around hor.	
2	B	" " "	
2	G	" " "	
1	G	" " "	
1	G	" " "	
2	G	Ni scattered about.	
5	C	Ni and Ni scattered about, the latter moving NE.	
6	C	" " "	
3	C	" " "	
3	C	" " "	
1	B	Ni scattered along the E hor.	
1	B	" "	
0	B	A few Ni above E hor.	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	A few Ni around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 79°9 and 82°6.
0	C	A few Ni in E hor.	
0	C	" "	
0	C	A few Ni above SW and E hor.	5th January.—On this day wind blew with a force of more than one pound on a square foot.
0	C	" "	
0	B	Cloudless.	
0	B	"	
0	B	Mist around hor.	
0	B	" "	
0	G	" "	
0	G	A few N in SE hor.; mist in hor.	
1	G	N above hor. from SE to SW; mist in W hor.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 Inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Readings of Straw of Volta 1.	Readings of Straw of Volta 2.	Interval of Time in seconds between the reception of the flash and the change.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 5th-Noon.	29.974	29.481	77°8	65°5	12°3	58°2	0.493	0.53	73°8	74°5	NNE	0.4					
1 p. m.	.932	.454	78.5	65.3	13.2	57.3	.478	.50	75.0	74.7	NNW	0.8					"
2 "	.907	.471	78.6	64.0	14.6	54.5	.436	.46	75.4	74.8	"	0.7		+	2		2·10
3 "	.901	.475	77.4	63.2	14.2	53.9	.426	.46	75.4	74.9	"	1.0		+	2		4.16
4 "	.902	.467	76.0	63.0	13.0	54.5	.435	.49	74.8	75.0	"	1.3		+	4		3.20
5 "	.912	.494	73.5	61.5	12.0	53.3	.418	.52	73.8	75.0	"	0.6		+	6		1.28
6 "	.919	.470	72.0	62.0	10.0	55.4	.449	.58	73.0	75.0	N b W	1.0	None.	+	4		2.26
7 "	.945	.446	71.6	63.5	8.1	58°6	.499	.65	72.5	75.0	N	1.3		+	4		1.00
8 "	.967	.503	70.6	62.0	8.6	56.4	.464	.63	72.0	75.0	N b E	1.0		+	12	10	0.50
9 "	.981	.511	70.1	62.0	8.1	56.8	.470	.65	71.2	74.9	"	0.8		+	18	16	0.22
10 "	.962	.466	68.6	62.3	6.3	58.4	.496	.71	70.9	74.8	"	0.7		+	16	14	0.54
11 "	.953	.481	67.2	61.0	6.2	56.9	.472	.71	69.2	74.7	NE b N	0.6		+	10	8	1.20
Jan. 6th-Midnight	.947	.512	66.6	59.5	7.1	54.5	.435	.67	68.4	74.6	NE b N	0.2		+	10		1.14
1 a. m.	.942	.515	66.0	59.0	7.0	53.9	.427	.67	68.2	74.5	"	0.1		+	6		1.59
2 "	.929	.506	65.1	58.5	6.6	53.7	.423	.68	68.0	74.4	"	0·2		+	12	10	0.48
3 "	.923	.502	64.5	58.2	6.3	53.5	.421	.70	67.8	74.3	"	0.3		+	8		2.16
4 "	.925	.498	66.0	59.0	7.0	53.9	.427	.67	67.8	74.3	ENE	0.5		+	4		4.20
5 "	.946	.542	65.5	58.0	7.5	52.3	.404	.65	67.8	74.2	"	0.6					
6 "	.976	.577	66.0	58.0	8.0	52.0	.399	.63	67.8	74.0	NE b E	0.8					
7 "	.997	.598	66.0	58.0	8.0	52.0	.399	.63	67.8	73.8	ENE	0.8					
8 "	30.024	.596	68.5	60.0	8.5	54.0	.428	.62	68.5	73.6	"	0.8					
9 "	.037	.613	70.2	60.5	9.7	53.7	.424	.58	69.0	73.5	E b N	0.7		+	1		Above 10m.
10 "	.032	.578	71.5	62.0	9.5	55.7	.454	.60	70.2	73.4	"	0.6		+	1		Above 10m.
11 "	.018	.557	73.6	63.0	10.6	56.2	.461	.57	71.9	73.5	ENE	0.6	None.				
Noon.	29.986	.562	77.0	63.0	14.0	53.7	.424	.47	73.2	73.7	"	0.6					
1 p. m.	.956	.568	80.2	63.0	17.2	51.1	.388	.38	75.8	73.9	NE	0.4					
2 "	.933	.563	81.7	63.0	18.7	49.7	.370	.35	77.0	74.1	"	0.3					
3 "	.922	.484	81.2	65.0	16.2	54.7	.438	.42	77.0	74.3	NNW	0.7		+	2		Above 10m.
4 "	.919	.413	78.6	66.2	12.4	59.0	.506	.53	76·4	74.5	"	0.6		+	2		5.15
5 "	.927	.367	76.0	67.0	9.0	62.0	.560	.64	75.5	74.7	N b W	0.4		+	2		Above 10m.
6 "	.935	.352	74.5	67.2	7.3	63.2	.583	.70	74.7	74.7	"	0.5		+	2		Above 10m.
7 "	.957	.428	73.0	65.0	8.0	60.3	.529	.66	74.0	74.7	N b E	0.6		+	10	8	0.55
8 "	.982	.448	72.5	65.0	7.5	60.6	.534	.68	73.5	74.7	"	0.7		+	8	6	1.00
9 "	.987	.472	71.5	64.0	7.5	59.5	.515	.68	73.0	74.6	"	0.6		+	8	6	1.26
10 "	.990	.478	69.0	63.0	6.0	59.3	.512	.73	72.2	74.6	"	0.5		+	12	10	0.50
11 "	.990	.478	69.0	63.0	6.0	59.3	.512	.73	72.0	74.6	NE	0.6		+	2		Above 10m.
Jan. 7th-Midnight	.980	.468	69.0	63.0	6·0	59.3	.512	.73	72.0	74.6	NE	0.8					
1 a. m	.970	.553	69.0	59.8	9.2	53.2	.417	.59	71.6	74.5	ENE	0.9					
2 "	.964	.572	69.2	59.0	10.2	51.4	.392	.55	70.5	74.4	"	1.3					
3 "	.960	.591	68.7	58.0	10.7	49.6	.369	.53	70.0	74.4	"	1.4					
4 "	.961	.586	68.2	58.0	10.2	50.1	.375	.55	69.6	74.3	"	1·1					
5 "	.975	.593	67.5	58.0	9.5	50.7	.382	.58	69.5	74.1	E b N	1.5					
6 "	.994	.613	67.2	57.8	9.4	50°6	.381	.57	69.1	74.0	E b S	1.4					
7 "	30.022	.634	67.0	58.0	9.0	51.1	.388	.59	69.0	74.0	E b N	1.5		+	2		3.10
8 "	.056	.679	68.0	58·0	10.0	50·3	.377	.56	69.1	73.8	ENE	1.0		+	1		Above 10m.
9 "	.069	.669	69.8	59.5	10.3	52.0	.400	.56	69.9	73.8	"	0.8		+	2		2.38
10 "	.069	.642	72.4	61.4	11.0	53.9	.427	.54	70.5	73.7	E b N	0.7		+	4		1.52
11 "	.046	.577	74.3	63.5	10 8	56.7	.469	.55	72.0	73.8	"	0.6	None.	+	2		3.26
Noon.	.009	.593	78.2	63.2	15.0	53.2	.416	.44	73.8	74.0	"	0.5		+	1		Above 10m.
1 p. m.	29.977	.602	80.0	62.5	17.5	50.1	.375	.37	75.7	74.2	NE b E	0.4					
2 "	.952	.601	82.1	62.5	19.6	48.2	.351	.33	77.1	74.4	"	0.3					
3 "	.938	.588	83.0	62.8	20.2	48.1	.350	.32	78.2	74.6	"	0.2					
4 "	.934	.494	81.3	65 1	16.2	54.8	.440	.42	77.6	74.8	NNW	0.6		+	2		4.32
5 "	.938	.412	76.2	66 0	10.2	60.1	.526	.59	76.0	75.0	"	0.5		+	4		3.5
6 "	.953	.403	74.0	66.0	8.0	61·5	.550	.67	75.0	75 0	N b W	0.6		+	8	6	1.20
7 "	.973	.408	73 2	66.2	7.0	62.3	.565	.70	74.5	75.0	N	0.5		+	16	14	0.35
8 "	.992	.426	72.5	66.0	6.5	62.3	.566	.72	73.6	75.0	N b E	0.5		+	12	10	1.00
9 "	.997	.455	71.8	65.0	6.8	61.0	.542	.71	72.3	75.0	"	0.3		+	18	16	0.30
10 "	.996	.489	70.6	63.4	7.2	59.0	.507	.69	72.0	75.0	"	0.2		+	16	14	0.41
11 "	.978	.488	71.0	63.0	8.0	58.0	.490	.65	72.0	74.9	ENE	0.5		+	20	18	0.12
														+	16	12	1.20

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ≀≀ nimbi.	Remarks.
1	G	≀ above hor. from SE to SW; mist in W hor.	
0	C	Cloudless.	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	,,	
0	B	,,	
0	B	,,	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	,,	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°8 and 82°5.
0	C	,,	6th January was the 1st cloudless day from the beginning of the year.
0	C	,,	On this day wind blew with a force of more than one pound on a square foot.
0	C	,,	
0	C	,,	
0	B	,,	
0	B	,,	
0	B	Mist in hor.	
0	B	,, ,,	
0	G	,, ,,	
0	G	,, ,,	
0	G	Cloudless.	
0	G	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	Mist along the E hor.	
0	B	,, ,,	
0	B	Cloudless.	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	,,	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°5 and 82°5.
0	C	,,	7th January was the 2nd day on which sky was almost cloudless.
0	C	,,	
0	C	,,	
0	C	,,	
0	B	,,	
0	B	,,	
0	B	Mist in hor.	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	Cloudless.	
0	G	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	A few ≀≀ in E hor.; mist along the E hor.	
0	B	Mist along the E hor.	
0	B	Cloudless.	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	,,	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 Inch in the Ground.	Ground Thermometers. Thermometer 6 Inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 8th-Midnight	29.967	29.460	70°6	63°4	7°2	59°0	0.507	0.69	71°8	74°8	ENE	0.6		+	20	18	0.10
1 a. m.	.960	.459	70·0	63.0	7.0	58.7	.501	.69	71.6	74.7	E b N	0.5		+	10	8	1.20
2 „	.949	.503	70.0	61.0	9.0	54.9	.441	.61	71.4	74.7	ENE	0.9		+	10	8	2.40
3 „	.934	.546	69.5	59.0	10.5	51.1	.388	.55	71.0	74.6	„	1.0		+	2		Above 10m.
4 „	.938	.547	69.3	59.0	10.3	51.3	.391	.55	70.6	74.6	E	1.2					
5 „	.949	.551	68.6	59.0	9.6	51.9	.398	.58	70.1	74.5	„	1.3					
6 „	.966	.580	68.5	58.5	10.0	51.0	.386	.56	69.8	74.4	E b S	1.0					
7 „	.995	.610	68.8	58.6	10.2	50.9	.385	.55	70.0	74.3	ESE	1.0					
8 „	30.021	.668	70.2	58.0	12.2	48.3	.353	.48	70.5	74.3	„	1.2					
9 „	.043	.680	72.1	59.1	13.0	49.2	.363	.47	71.8	74.3	„	1.0		+	4		2.28
10 „	.049	.659	76.5	61.7	14.8	51.3	.390	.44	73.0	74.3	SE	0.7		+	4		3·9
11 „	.033	.650	79.0	62.4	16.6	50.8	.383	.39	74·7	74.4	ESE	0.6		+	2		5.14
Noon.	29.997	.607	80.0	63.0	17.0	51.3	.390	.39	76.0	74.5	„	0.5	None.	+	1		Above 10m.
1 p. m.	·963	·589	81.4	63.0	18.4	50.0	.374	.35	77.2	74.7	NE b E	0.4					
2 „	·944	·585	82.7	63.0	19.7	48.8	.359	.33	78.2	74.9	NE	0.3					
3 „	.935	·565	83.1	63.5	19.6	49.7	.370	.33	79.1	75.1	NE b E	0.3					
4 „	.942	.572	82·6	63.3	19.3	49.7	.370	.34	79.0	75.3	„	0.2					
5 „	.962	.505	78.1	64.5	13.6	55.9	·457	.48	77.5	75.4	NW b N	0.5		+	2		4.20
6 „	.979	.449	74.0	66.0	8.0	61.5	·550	.67	75.2	75.4	„	0.5		+	2		3.25
7 „	·999	.445	73.6	66.0	7.6	61.7	·554	.68	74.6	75.4	NNW	0.3		+	6		1.10
8 „	30·012	.439	72.5	66.2	6.3	62.7	·573	.73	74.0	75.4	„	0.2		+	12		0.30
9 „	.018	·400	71.7	67.3	4.4	65.0	·618	.81	72.3	75.4	„	0.2		+	10		1.7
10 „	.017	.451	69.6	65.0	4.6	62.3	·566	.79	72.0	75.4	„	0.2		+	12		0.35
11 „	.009	·455	69.3	64.5	4.8	61.7	·554	.78	71.6	75.3	N b W	0.1		+	Out of Sc.	40	0.12
Jan. 9th-Midnight	.000	.446	69.3	64.5	4.8	61.7	·554	.78	71.3	75.1	NE b N	0.5		+	Out of Sc.	40	0.10
1 a. m.	29.993	.451	69.0	64.0	5.0	61·0	·542	.77	71.1	75.0	NE	0.5		+	18	16	0.46
2 „	.981	.499	69.0	62.0	7.0	57.5	·482	.69	71.1	75.0	„	0.4		+	4		2.20
3 „	.969	.527	68.9	60.6	8.3	55.0	·442	.63	70.7	74.9	NE b E	0.6					
4 „	.970	.538	68.2	60·0	8.2	54.3	·432	.63	70·4	74.8	ENE	0.7					
5 „	.980	.625	67.5	57.0	10.5	48.5	·355	.54	70.0	74.6	„	1.2					
6 „	30.004	.638	67.0	57.2	9.8	49.4	·366	.56	69.1	74.5	„	0.8					
7 „	.025	.637	67.2	58.0	9.2	51.0	.386	.58	69.1	74·3	„	0.6					
8 „	.051	.693	69.7	58.0	11.7	48.8	·358	.50	70.0	74.2	E b N	0.7					
9 „	.071	.661	71.5	60.5	11.0	52.7	·410	.54	71.1	74.1	„	0.6		+	2		
10 „	.072	.671	74.2	61.2	13.0	52.1	·401	.48	72.0	74.2	„	0.7		+	4		
11 „	.062	.646	75.0	62.0	13.0	53.2	·416	.49	73.1	74.3	ENE	0.6		+	1		
Noon.	.034	.654	78.2	62.0	16.2	50.5	·380	.40	74.8	74.4	NE b E	0.5	None.				
1 p. m.	29.996	.650	81.2	62.0	19.2	47.8	·346	.33	77.0	74.6	NE b N	0.3					
2 „	.969	.655	83.2	61.7	21.5	44.9	·314	.28	78.0	74.8	„	0.3					
3 „	.951	.599	84·5	63.4	21.1	48.3	·352	.31	78.5	75.0	NW	0.3					
4 „	.951	.534	83.0	65.0	18.0	53.2	·417	.38	78.5	75.2	NW b N	0.4					
5 „	.962	.459	78.3	66·0	12.3	58.8	·503	.53	77.5	75.3	„	0.4					
6 „	.978	.418	76.0	67.0	9.0	62.0	·560	.64	76.0	75.3	„	0.5					
7 „	30.003	.438	73.2	66.2	7.0	62.3	·565	.70	75.0	75.3	N b W	0.8		+	2		3.20
8 „	.020	·475	71.5	65.0	6.5	61.2	·545	.72	74.2	75.3	„	0·7		+	2		2.00
9 „	.025	.480	71.5	65.0	6.5	61.2	·545	·72	74.2	75.3	„	0.6		+	1		Above 10m.
10 „	.035	.490	71.5	65.0	6.5	61.2	·515	.72	74.0	75.3	„	0.5		+	1		Above 10m.
11 „	.028	.527	70.0	63.0	7.0	58.7	·501	.69	72.0	75.2	NNE	0.2		+	4		1.54
Jan. 11th-Midnight	29.960	.539	69.7	60.2	9.5	53.5	·421	.59	71.1	75.0	NNE	0.2		+	4		3.27
1 a. m.	.955	.536	69.4	60.0	9.4	53.4	·419	·59	71·0	74.9	„	0.1					
2 „	.922	.521	68.4	59.0	9.4	52.1	·401	.58	70.6	74.9	„	0.1					
3 „	.906	.545	67.0	57.0	10.0	49.0	.361	.55	70.0	74·8	„	0.1					
4 „	.906	.511	68.4	58.8	9.6	51.6	.395	.57	70.0	74.8	„	0·2					
5 „	.915	.514	68.4	59.0	9.4	52.1	.401	.58	70.0	74.6	„	0.6	None.			None.	
6 „	.924	.537	66.6	57.8	8.8	51.0	.387	.60	68.5	74.4	„	0.2					
7 „	.962	.588	65.8	57.0	8.8	50·3	.374	.59	68·0	74.2	„	0.2					
8 „	.985	.625	63.5	58.0	11.5	48.9	.360	.50	69.5	74.1	„	0.3					
9 „	30.003	.638	72.2	59.2	13.0	49.3	.365	.47	70.8	74.0	„	0.4					
10 „	.003	.602	74.2	61.2	13.0	52.1	.401	.48	71.9	74.1	NE	0.3		+	2		Above 10m.
11 „	29.987	.550	76.4	63 2	13.2	54.6	.437	.49	73.0	74.3	„	0.2		+	1		Above 10m.

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩ cumulo-strati; and ⌣ nimbi.	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°4 and 82°5.
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	,,	8th January was the 2nd cloudless day from the beginning of the year.
0	B	,,	
0	B	Mist in hor.	
0	B	,,	
0	G	,,	
0	G	Cloudless.	
0	G	,,	
0	G	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	Mist in E hor.	
0	B	,,	
0	B	Cloudless.	
0	B	,,	
0	G	,,	
0	G	Cloudless and dew falling.	
0	G	,, ,,	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°3 and 82°4. Height of Barometer at 10 A.M. was 30·072 in. greatest in the month and about 0·086 in. greater than the Normal Mean. At 3 P.M. the temperature of Air was 84°5 highest during the month and about 5°1 higher than the Normal Mean for that hour.
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	,,	
0	B	,,	
0	B	Mist in hor.	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	Mist in W hor.	9th January was the 3rd cloudless day.
0	G	,,	
0	C	Cloudless.	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	Mist in E hor.	
0	B	,,	
0	B	Cloudless.	
0	B	,,	
0	B	,,	
0	B	,,	
0	B	,,	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°3 and 82°3.
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	,,	11th January was the fourth cloudless day from the beginning of the year.
0	B	,,	
0	B	Mist around hor.	
0	B	,, ,,	
0	G	,, ,,	
0	G	Mist along the W hor.	
0	G	Cloudless.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 11th-Noon.	29.755	29.504	80°0	65°0	15°0	55°5	0.451	0.45	74°8	74°4	NE	0.2		+	1		Above 10m.
1 p. m.	.918	.475	81.3	65.2	16.1	55.0	.443	.42	76.6	74.6	NW	0.2					
2 „	.894	.487	82.3	66.3	16.0	56.6	.467	.43	77.5	74.8	„	0.2					
3 „	.891	.335	82.4	69.0	13.4	61.8	.556	.51	78.0	75.1	NW b W	0.3					
4 „	.891	.293	81.5	70.0	11.5	64.0	.598	.57	78.1	75.3	WNW	0.3					
5 „	.906	.302	78.0	69.0	9.0	64.3	.604	.64	77.0	75.4	NW	0.3					
6 „	.922	.283	75.5	69.2	6.3	66.0	.639	.74	75.8	75.4	NW b N	0.3	None.			None.	
7 „	.943	.331	74.3	68.0	6.3	64.7	.612	.73	75.0	75.4	NNW	0.3					
8 „	.957	.364	73.0	67.0	6.0	63.8	.593	.74	74.2	75.4	„	0.2					
9 „	.967	.431	72.1	64.9	7.2	60.7	.536	.69	73.5	75.4	N b W	0.1					
10 „	.970	.446	70.6	64.0	6.6	60.0	.524	.71	73.0	75.3	„	0.2					
11 „	.954	.383	69.2	65.0	4.2	62.6	.571	.81	71.2	75.1	„	0.0					
Jan. 12th-Midnight	.949	.437	69.0	63.0	6.0	59.3	.512	.73	70.6	74.9	N b W	0.0					
1 a. m.	.939	.416	68.0	63.0	5.0	60.0	.523	.77	70.4	74.8	„	0.0					
2 „	.934	.471	68.0	61.0	7.0	56.3	.463	.68	70.3	74.7	„	0 1					
3 „	.919	.445	67.0	61.0	6.0	57.0	.474	.72	70.0	74.5	„	0.1					
4 „	.914	.380	67.0	63.0	4.0	60.6	.534	.81	70.0	74.5	„	0.1					
5 „	.921	.423	67.5	62.0	5.5	58.5	.498	.75	70 0	74.4	NNE	0.1					
6 „	.931	.427	67.0	62.0	5.0	58.9	.504	.77	69.3	74.4	NE	0.2					
7 „	.954	.437	67.2	62.5	4.7	59.6	.517	.78	69.3	74.4	„	0.2					
8 „	.988	.495	68.0	62.0	6.0	58.2	.493	.72	69.5	74.3	„	0.1					
9 „	30.000	.576	71.5	61.0	10.5	53.7	.424	.56	70.0	74.2	„	0.2					
10 „	.007	.591	73.7	64.5	9.2	59.0	.506	.62	71.9	74.3	NE b E	0.2	None.			None.	
11 „	29.992	.489	74.8	64.8	10.0	58.8	.503	.59	73.0	74.4	„	0.1					
Noon.	.959	.478	77.9	65.2	12.7	57.5	.481	.51	73.8	74.5	„	0.2					
1 p. m.	.924	.483	78.7	64.2	14.5	54.9	.441	.46	75.0	74.7	NW b W	0.3					
2 „	.910	.432	81.6	66.4	15.2	57.3	.478	.46	76.7	74.9	WNW	0.2					
3 „	.900	.353	81.4	68.4	13.0	61.3	.547	.52	77.4	75.1	NW b W	0.2					
4 „	.900	.329	81.0	69.0	12.0	62.6	.571	.55	77.5	75.2	NW	0.3					
5 „	.906	.302	78.0	69.0	9.0	64.3	.604	.64	76.3	75.4	NW b N	0.2					
6 „	.925	.330	75.8	68.0	7.8	63 9	.595	.68	75.7	75.4	NNW	0.3					
7 „	.939	.313	74.5	68.5	6.0	65.4	.626	.75	75.0	75.4	N b W	0.3					
8 „	.966	.397	73.3	66.5	6.8	62.5	.569	.71	74.6	75.4	NNW	0.2					
9 „	.983	.388	72.8	67.0	5.8	63.9	.595	.75	73.5	75.3	N	0.2		+	8		1.7
10 „	.979	.436	71.7	65.0	6.7	61.1	.543	.72	73.0	75.2	N b E	0.2		+	10		0.39
11 „	.966	.384	70.0	65.0	5.0	62.1	.562	.77	72.1	75.0	„	0.0		+	12		0.52
Jan. 13th-Midnight	.960	.406	69.3	64.5	4.8	61.7	.554	.78	71.7	75.0	N b E	0.3		+	8		2.11
1 a. m.	.957	.398	69.0	64.6	4.4	62.0	.559	.80	71.4	75.0	NE b N	0.2		+	4		2.40
2 „	.935	.356	69.6	65.4	4.2	63 0	.579	.81	71.4	74.8	„	0.2					
3 „	.916	.403	70.0	63.4	6.6	59.4	.513	.71	71.4	74.8	„	0.4					
4 „	.912	.376	69.5	64.0	5.5	60.7	.536	.75	71.3	74.7	„	0.2					
5 „	.923	.411	69.0	63.0	6.0	59 3	.512	.73	70.8	74.7	„	0.1					
6 „	.947	.460	68.5	62.0	6.5	57.8	.487	.71	70 3	74.6	NE	0.1					
7 „	.976	.450	67.7	63.0	4.7	60.1	.526	.78	69.6	74.6	„	0.1					
8 „	30.001	.515	70.0	62.5	7.5	57.8	.486	.67	70.6	74.5	„	0.1					
9 „	.018	.495	73.5	65.0	8.5	60.0	.523	.65	71.8	74.4	„	0.3					
10 „	.019	.446	74.8	67.0	7.8	62.7	.573	.68	73.0	74.5	„	0.2					
11 „	29 996	.448	76.5	66.8	9.7	61.4	.548	.61	73 9	74.6	„	0.2					
Noon.	.959	.421	78.0	67.0	11.0	60.8	.538	.57	75.0	74.8	„	0.2	None.			None.	
1 p. m.	.918	.376	81.6	68.3	13.3	61.0	.542	.52	76.8	75.0	N b W	0.2					
2 „	.895	.332	81.7	69.0	12.7	62.2	.568	.53	77.5	75.2	NW	0.2					
3 „	.888	.310	81.5	69.4	12.1	63.0	.578	.55	78.0	75.4	„	0.5					
4 „	.889	.274	80.1	70.0	10.1	64.9	.615	.61	77.7	75.6	NNW	0.5					
5 „	.894	.286	77 6	69.0	8 6	64.5	.608	.66	76.5	75.6	„	0.6					
6 „	907	.287	75.0	68.5	6.5	65.1	.620	.73	75.7	75.6	„	0.5		+	2		2.10
7 „	.919	.285	73.8	68.5	5.3	65.8	.634	.77	75 0	75.6	„	0.5		+ +	2		1.56
8 „	.938	.313	73.1	68.0	5 1	65.4	.625	.78	74.5	75.6	„	0.4		+ +	1		Above. 10m.
9 „	.933	.338	72.8	67 0	5 8	63.9	.595	.75	74.0	75.5	„	0·4		+ +	6		2.9
10 „	929	.311	71.7	67.3	4 4	65 0	.618	.81	73.1	75.4	N b W	0.6		+	2		3.10
11 „	924	.313	71 4	67 0	4 4	64 7	.611	.80	73.0	75.3	N b E	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ≀≀ nimbi.	
0	G	Cloudless.	
0	C	"	
0	C	"	
0	C	"	
0	C	"	
0	B	Mist in E hor.	
0	B	" "	
0	B	Cloudless.	
0	B	"	
0	G	"	
0	G	Cloudless and dew falling.	
0	G	" "	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°3 and 82°3.
0	C	"	
0	C	"	
0	C	Cloudless and dew falling.	
0	C	" "	
0	B	" "	
0	B	" "	
0	B	A few ≀ in SE hor.; mist around hor.	
0	B	" " "	
0	G	A few ≀ in E hor.; mist around hor.	
0	G	" " "	
1	G	≀ scattered along the E hor.; mist in hor.	
1	G	≀ scattered along the E hor.; mist in W hor.	
1	C	≀ scattered along the E hor.; mist in NW hor.	
2	C	≀ scattered about hor.	
3	C	≀ scattered from E to S hor.	
4	C	≀ scattered about moving NE.	
4	B	≀ scattered about moving NNE; mist along the E hor.	
2	B	≀ scattered about hor.; mist along the E hor.	
1	B	≀ scattered around hor.	
0	B	Cloudless.	
0	G	"	
0	G	"	
0	G	Cloudless; dew falling.	
0	G	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 79°2 and 82°2.
0	C	" "	
0	C	Cloudless.	
0	C	"	
0	C	"	
0	B	"	
0	B	A few ≀ in E hor.	
0	B	A few ≀ above E and SW hor.; mist around hor.	
1	B	≀ scattered along the W hor.; mist around hor.	
2	G	≀ scattered above W and SW hor.; mist around hor.	
2	G	" " "	
2	G	" " "	
0	G	A few ≀ in E and SW hor.; mist in W hor.	
0	C	A few ≀ above SW hor.	
0	C	A few ≀ above W hor.	
0	C	A few ≀ above NW and W hor.	
0	C	A few ≀ above NW and E hor.	
0	B	A few ≀ above NW and E hor.; mist along the E hor.	
0	B	A few ≀ and mist along the E hor.	
0	B	Cloudless.	
0	B	"	
0	G	"	
0	G	"	
0	G	Cloudless and dew falling.	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet-Bulb Thermometer.	Depression of Wet-Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lb.	in.		Sc. div.	Sc. div.	m. s.
Jan. 14th-Midnight	29.906	29.289	70°8	67°0	3°8	65°0	0.617	0.83	72°8	75°2	N b E	0.2					
1 a. m.	.898	.304	70.0	66·0	4.0	63.8	.594	.82	72.3	75.1	NNE	0.3					
2 „	.895	.335	68.5	64.4	4.1	62.0	.560	.81	71.6	75.0	NE b N	0.1					
3 „	.895	.320	67.7	64.6	3.1	62.8	.575	.85	71.0	74.9	„	0.0		+	10		0.41
4 „	.899	.306	69.0	65.6	3.4	63.8	.593	.84	71.0	74.9	N b W	0.4		+	6.		1.30
5 „	.915	.392	68.0	63.0	5.0	60.0	.523	.77	70.0	74.9	„	0.1					
6 „	.932	.458	67.0	61.0	6.0	57.0	.474	.72	69.5	74.7	N	0.1					
7 „	.959	.431	67.5	63.0	4.5	60.3	.528	.79	69.5	74.6	N b E	0.2					
8 „	.976	.435	70.5	64.5	6.0	61·0	.541	.73	70.5	74.5	NE	0 3					
9 „	.978	.442	72.4	65.0	7.4	60.7	.536	.68	71.0	74.4	NE b E	0.2					
10 „	.994	.476	74.0	65.0	9.0	59.7	.518	.63	72.1	74.5	ENE	0.3	None.			None.	
11 „	.965	.444	76.1	65.8	10.3	59.9	.521	.59	73.2	74.6	NNW	0.2					
Noon.	.932	.405	76.9	66·3	10.6	60.2	.527	.58	74.0	74.8	„	0.4					
1 p. m.	.909	.360	77.0	67.0	10.0	61.4	.549	.60	75.0	75.0	NW b N	1·0					
2 „	.891	.345	77.8	67.2	10.6	61.3	.546	.59	75.6	75.1	„	1.0					
3 „	.880	.387	77.8	65.5	12.3	58.2	.493	.53	75.9	75.2	„	1.0					
4 „	.886	.403	77.2	65·0	12.2	57.6	.483	.53	75.5	75.3	„	0.9					
5 „	.902	.405	74.8	64.5	10.3	58.4	.497	.58	74.5	75.4	NNW	1.0					
6 „	.920	.423	73.6	64.0	9.6	58.1	.492	.60	74.0	75.4	„	1.0					
7 „	·946	.433	71.6	64.0	7.6	59.4	.513	.68	73.1	75.3	„	0.7					
8 „	.962	·484	70.8	62.5	8.3	57.3	.478	.64	73.0	75.2	N b W	0·6					
9 „	.966	.492	69.7	62.0	7.7	57.0	.474	.66	72.1	75.2	N	0.4					
10 „	.967	.500	68.2	61.2	7.0	56.6	.467	.68	70.2	75.0	N b W	0.3		+	1		Above 10m.
11 „	.968	.583	67.3	58.0	9.3	50.9	.385	.58	70.0	74.8	NNE	0.2		+	2		4.24
Jan. 15th-Midnight	.957	.569	67.0	58.0	9.0	51.1	.388	.59	68.4	74.6	N b E	0·2		+	1		Above 10m.
1 a. m.	.956	.511	67.0	60.0	7.0	55.2	.445	.68	68.4	74.6	N	0.2					
2 „	.937	.540	66.2	58.0	8.2	51.8	.397	.62	68.4	74·6	N b E	0.3					
3 „	.931	.558	66.4	57.2	9·2	50.0	.373	.58	68.4	74.5	N b W	0.7					
4 „	.932	.586	65.2	55.7	9.5	47.8	.346	.56	68.0	74.4	N b E	0.6					
5 „	.950	.627	64.5	54.5	10.0	45.8	.323	.54	67.0	74.2	„	0.6					
6 „	.964	.671	62.5	52.4	10.1	43.0	.293	.52	66.0	73.9	„	0.6					
7 „	.990	.683	62.5	53.0	9.5	44.3	.307	.54	65.2	73.6	„	0.5					
8 „	30.011	.695	64.0	54.0	10.0	45.1	.316	.53	65.5	73.3	„	0.5					
9 „	.026	.729	66·7	54.4	12.3	43.3	.297	.46	66.5	73.1	„	0.4					
10 „	.016	.712	70.2	55.2	15.0	44.0	.304	.38	67.8	73.2	NE b N	0.6	None.			None.	
11 „	29.991	.724	73.0	56.0	17.0	40.3	.267	.33	69.4	73.4	N b W	0.4					
Noon.	.958	.665	74.8	57.7	17.1	43.0	.293	.32	71.5	73.4	N b E	0.5					
1 p. m.	.923	.602	76.9	59.5	17.4	45.6	.321	.35	73·0	73.6	NW b N	0.6					
2 „	.902	.521	78.1	62.0	16.1	50.6	.381	.40	74.2	73.8	NNW	0.9					
3 „	.888	.414	78.0	65.0	13.0	57.0	.474	.50	74.6	73.9	„	0.8					
4 „	.884	.403	76.8	64.8	12.0	57.5	.481	.53	74.6	74.0	„	0.8					
5 „	.892	·423	73·5	63.2	10.3	56.7	.469	.58	73.3	74.1	„	0.8					
6 „	.900	.427	71.2	62.5	8.7	57.0	.473	.62	72.5	74.1	„	0.7					
7 „	.922	.487	70.5	61·0	9.5	54.5	.435	.59	72.0	74.0	„	0.8					
8 „	.944	.584	69.5	58.0	11.5	48.9	.360	.51	71.4	74.0	N	0.7		+	1		Above 10m.
9 „	.947	.592	67.5	57.0	10.5	48.5	.355	.54	70.1	73.9	„	0.6		+	4		2.37
10 „	.932	.559	66.4	57·2	9.2	50.0	.373	.58	68.5	73.7	„	0.5		+	4		2.40
11 „	.921	.576	66.0	56.0	10.0	47.7	.345	.54	68.0	73.5	„	0.7		+	2		3.21
Jan. 16th-Midnight	.916	.600	64.0	54.0	10.0	45.1	.316	.55	67.0	73.3	NW	0.6		+	4		3.26
1 a. m.	.911	.612	63.3	53.0	10.3	43.5	.299	.51	67·0	73.2	„	0.4		+	2		4.20
2 „	.883	.615	61.5	51.0	10.5	40.4	.268	.49	65.5	73.1	N	0.3		+	2		Above 10m.
3 „	.875	.596	61.5	51.4	10.1	41.5	.279	.51	65.1	73.0	„	0.4					
4 „	.876	.583	61.5	52·0	9.5	43.0	.293	.54	64.8	73.0	„	0.3					
5 „	.894	.600	62.6	52.5	10.1	43.0	.294	.52	65.0	72.8	NNE	0.8					
6 „	.909	.613	63.5	53.0	10.5	43.2	.296	.50	65.3	72.5	„	0.7	None.			None.	
7 „	.933	.627	61.6	52.5	9.1	44·2	.306	.55	64.0	72.3	N	0.6					
8 „	.959	.614	66.6	56.0	10.0	47.7	.345	.54	66.0	72.0	NE	0.5		+	1		Above 10m.
9 „	·984	.634	68.0	57.0	11.0	48.1	.350	.52	67.6	72.0	NNE	0.5		+	2		Above 10m.
10 „	.979	.682	70·4	56.0	14.4	43.3	.297	.40	69.0	72.1	„	0.4		+	2		4.32
11 „	.954	.666	72.8	56.7	16.1	42.5	.288	.36	70.4	72.3	NE	0.4		+	2		3.05

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		NOTE.—*In recording these Observations, the Symbols used to denote the clouds are:* ⌐i cirri; ∽i cirro-cumuli; ∩i cumuli; ⌣i cirro-strati; ∩⌣i cumulo-strati; and ∽⌣i nimbi.	
0	G	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 79°2 and 82°2. 14th January was the 3rd day on which sky was almost cloudless. On this day the wind blew with a force of more than 1 lb. on square foot.
0	C	" " "	
0	C	" " "	
0	C	" " "	
0	C	" " "	
0	B	" " "	
0	B	A few ⌐i in E hor.	
0	B	A few ⌐i in E hor.; mist around hor.	
0	B	" " "	
0	G	" " "	
0	G	" " "	
0	G	" " "	
0	G	A few ⌐i in W above hor.	
0	C	A few ⌐i in W hor.; fresh breezes blowing from NW.	
0	C	Cloudless; fresh breezes blowing from NW.	
0	C	" " "	
0	C	" " "	
0	B	Mist along the E hor.; fresh breezes blowing from NW.	
0	B	A few ⌐i above W hor.	
0	B	Cloudless.	
0	B	A few ⌐i above W hor.	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°0 and 82°1.
0	C	"	
0	C	"	
0	C	"	
0	C	"	
0	B	"	
1	B	⌐i scattered along the E hor.	
1	B	⌐i scattered along the E hor.; mist around hor.	
0	B	A few ⌐i in E. hor.; mist in hor.	
1	G	⌐i scattered along the E hor.; mist in hor.	
1	G	" " "	
1	G	" " "	
0	G	A few ⌐i in E hor.; mist in W hor.	
0	C	" " "	
0	C	Cloudless; fresh breezes blowing from NW.	
0	C	" " "	
0	C	" " "	
0	B	Mist along the E hor.	
1	B	⌐i scattered in E hemisphere.	
0	B	Cloudless.	
0	B	"	
0	G	"	
0	G	"	
0	G	"	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°0 and 82°0.
0	C	"	
0	C	"	
0	C	"	
0	C	"	
0	B	"	
1	B	⌐i scattered along the E hor.	
1	B	⌐i scattered along the E hor.; mist in hor.	
1	B	" " "	
1	C	" " "	
0	C	A few ⌐i in E hor.; mist around hor.	
0	C	Mist around hor.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 16th-Noon.	29.922	29.623	75°0	58°0	17°0	43°5	0.299	0.35	72°0	72°4	NNE	0.3		+	1		7.44
1 p. m.	.888	.579	78.3	59.5	18.8	44.5	.309	.32	72.9	72.6	N	0.2		+	2		3.19
2 „	.875	.532	78.8	61.0	17.8	47.5	.343	.35	73.3	72.7	NNW	0.3		+	2		4.20
3 „	.862	.398	77.8	64.6	13.2	56.4	.464	.50	73.3	73.0	„	0.2		+	2		2.39
4 „	.857	.410	77.6	64.0	13.6	55.3	.447	.48	73.5	73.0	„	0.3		+	4		2.12
5 „	.874	.412	74.7	63.4	11.3	56.3	.462	.55	73.7	73.2	„	0.3	None.	+	2	None.	6.10
6 „	.886	.424	71.7	62.3	9.4	56.3	.462	.60	72.4	73.3	„	0.4		+	1		Above 10m.
7 „	.909	.434	70.8	62.4	8.4	57.1	.475	.64	71.7	73.2	„	0.6		+	1		Above 10m.
8 „	.930	.461	70.2	62.0	8.2	56.7	.469	.64	71.2	73.1	N b W	0.6					
9 „	.937	.488	69.3	61.0	8.3	55.4	.449	.63	70.9	73.0	„	0.4					
10 „	.935	.519	67.0	59.0	8.0	53.2	.416	.63	70.0	72.9	N	0.4		+	6		1.50
11 „	.915	.516	66.0	58.0	8.0	51.9	.399	.63	69.6	72.8	N b E	0.3		+	4		2.10
Jan. 16th-Midnight.	.922	.407	66.0	62.0	4.0	59.5	.515	.81	67.0	72.5	NNE	0.4					
1 a. m.	.918	.462	66.0	60.0	6.0	55.9	.456	.71	66.9	72.5	ENE	0.1					
2 „	.908	.499	63.6	57.4	6.2	52.7	.409	.70	66.8	72.4	„	0.1					
3 „	.902	.606	63.4	53.0	10.4	43.4	.298	.50	66.4	72.3	NE b E	0.2					
4 „	.901	.576	63.2	54.0	9.2	45.9	.325	.56	66.0	72.1	NNE	0.1					
5 „	.910	.604	63.8	53.5	10.3	44.2	.306	.51	66.0	72.0	N b W	0.0					
6 „	.921	.604	61.6	53.0	8.6	45.2	.317	.58	65.0	71.8	N b E	0.3					
7 „	.952	.639	62.0	53.0	9.0	44.9	.313	.56	64.6	71.6	„	0.1					
8 „	.984	.643	65.5	55.5	10.0	47.1	.338	.54	66.0	71.6	„	0.2	None.			None.	
9 „	30.005	.620	67.3	58.0	9.3	50.9	.385	.58	67.2	71.5	NE	0.2					
10 „	.003	.597	71.3	60.3	11.0	52.4	.406	.53	68.8	71.6	N b E	0.2		+	6		3.13
11 „	29.975	.559	75.0	62.0	13.0	53.2	.416	.49	71.0	71.6	N	0.3		+	2		4.24
Noon.	.938	.508	76.8	62.8	14.0	54.1	.430	.47	72.5	71.8	„	0.5		+	1		Above 10m.
1 p. m.	.911	.469	77.0	63.6	13.4	55.0	.442	.49	73.5	72.0	„	0.7					
2 „	.879	.417	77.7	64.5	13.2	56.3	.462	.50	74.3	72.2	„	0.9					
3 „	.862	.408	77.0	60.0	13.0	55.7	.454	.50	74.5	72.4	N b W	1.0					
4 „	.864	.405	76.5	64.0	12.5	56.1	.459	.52	74.2	72.7	„	0.9					
5 „	.871	.410	73.6	63.0	10.6	56.2	.461	.57	73.6	72.9	N	0.8					
6 „	.888	.406	71.7	63.0	8.7	57.5	.482	.63	72.2	72.9	„	1.0					
7 „	.908	.403	71.0	63.5	7.5	58.9	.505	.67	72.0	72.9	„	1.0					
8 „	.930	.406	70.6	64.0	6.6	60.0	.524	.71	71.5	72.9	„	0.8					
9 „	.933	.340	68.7	65.5	3.2	63.8	.593	.85	71.0	72.8	N b E	0.7					
10 „	.933	.394	67.5	63.5	4.0	61.2	.544	.81	70.2	72.7	„	0.5					
11 „	.922	.388	67.0	63.0	4.0	60.6	.534	.81	68.7	72.6	„	0.3					
Jan. 19th-Midnight.	.915	.400	66.0	62.0	4.0	59.5	.515	.81	68.0	72.4	N	0.3					
1 a. m.	.987	.416	64.7	60.0	4.7	56.8	.471	.77	67.6	72.4	„	0.0					
2 „	.876	.440	64.2	58.6	5.6	54.5	.436	.73	67.3	72.3	N b E	0.1					
3 „	.870	.453	64.4	58.0	6.4	53.2	.417	.69	67.0	72.2	N	0.1					
4 „	.871	.445	63.6	58.0	5.6	53.9	.426	.73	66.6	72.2	„	0.1					
5 „	.887	.509	63.0	56.0	7.0	50.3	.378	.66	66.1	72.1	„	0.1					
6 „	.912	.499	63.5	57.5	6.0	52.9	.413	.71	66.1	72.0	„	0.1					
7 „	.932	.505	63.5	58.0	5.5	53.9	.427	.73	65.8	71.8	„	0.1					
8 „	.959	.538	66.5	59.0	7.5	53.5	.421	.65	67.0	71.8	„	0.1					
9 „	.981	.567	68.5	59.5	9.0	53.0	.414	.60	68.1	71.7	„	0.2					
10 „	.980	.577	71.4	60.2	11.2	52.2	.403	.53	69.4	71.8	„	0.2					
11 „	.954	.454	74.8	64.7	10.1	58.6	.500	.59	71.2	72.0	„	0.3	None.			None.	
Noon.	.921	.456	76.0	64.0	12.0	56.5	.465	.53	72.5	72.2	NNW	0.2					
1 p. m.	.886	.409	77.7	65.0	12.7	57.2	.477	.51	73.8	72.4	„	0.4					
2 „	.863	.383	78.3	65.3	13.0	57.4	.480	.50	74.4	72.6	„	0.6					
3 „	.856	.310	78.5	67.4	11.1	61.3	.546	.57	75.2	72.8	N b W	0.5					
4 „	.858	.300	78.0	67.6	10.4	61.9	.558	.59	75.0	73.0	N	0.5					
5 „	.865	.302	75.7	67.0	8.7	62.2	.563	.65	74.4	73.2	„	0.8					
6 „	.878	.359	72.5	64.5	8.0	59.7	.519	.66	73.2	73.2	N b E	0.7					
7 „	.895	.352	71.7	65.0	6.7	61.1	.543	.71	72.7	73.2	N	0.6					
8 „	.912	.342	70.8	65.5	5.3	62.6	.570	.77	72.2	73.2	NNE	0.3		+	1		Above 10m.
9 „	.922	.415	70.3	63.5	6.8	59.0	.507	.70	71.0	73.0	„	0.2		+	4		3.37
10 „	.924	.412	69.0	63.0	6.0	59.3	.512	.73	70.5	73.0	„	0.1		+	6		2.26
11 „	.909	.431	68.4	62.0	6.4	57.3	.478	.71	70.0	72.9	„	0.2		+	4		4.16

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Nore.—In recording these Observations, the Symbols used to denote the clouds are: ≤ cirri; ≤≤ cirro-cumuli; ∩ cumuli; ⌒ cirro-strati; ∩⌒ cumulo-strati; and ≤⌒ nimbi.	
0	C	Mist around hor.	
0	G	Mist in W. hor.	
0	G	Cloudless.	
0	G	,,	
0	G	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 78°6 and 81°9.
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	,,	18th January was the 4th day on which sky was almost cloudless. On this day wind blew with a force of more than 1 lb. on a square foot.
0	B	A few ≤ in E hor.	
0	B	Mist around hor.	
0	B	,, ,,	
0	G	,, ,,	
0	G	,, ,,	
0	G	Mist in W hor.	
0	G	,, ,,	
0	C	Cloudless.	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	Mist in E hor.	
0	B	Cloudless.	
0	B	,,	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	,,	
0	G	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 78°2 and 81°9.
0	C	,, ,,	
0	C	,, ,,	
0	C	Cloudless.	
0	C	,,	
0	B	,,	
1	B	≤ scattered along the E hor.	
1	B	≤ scattered along the E hor.; mist in hor.	
0	B	A few ≤ above SE hor.; mist in hor.	
0	G	Mist around hor.	
0	G	,, ,,	
0	G	Cloudless.	
0	G	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	Mist along the E hor.	
0	B	,, ,,	
0	B	Cloudless.	
0	B	,,	
0	G	,,	
0	G	Cloudless and dew falling.	
0	G	,, ,, ,,	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or−	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in which recovered three degrees of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 20th-Midnight	29.894	29.350	67°5	63°5	4°0	61°2	0.544	0.81	69°2	72°9	NE b N	·0.2		+	6		2.9
1 a. m.	.885	.337	67.1	63.5	3.6	61.4	.548	.83	68.9	72.8	„	0.1		+	8		1.20
2 „	.865	.316	66.5	63.3	3.2	61.4	.549	.85	68.6	72.7	„	0.1		+	2		Above 10m.
3 „	.855	.340	66.0	62.0	4.0	59.5	.515	.81	68.4	72.7	„	0.1					
4 „	.853	.367	64.7	60.5	4.2	57.8	.486	.80	68.0	72.7	„	0.1					
5 „	.861	.364	65.0	61.0	4.0	58.4	.497	.81	67.6	72.6	ENE	0.1					
6 „	.879	.400	64.0	60.0	4.0	57.3	.479	.80	67.0	72.5	„	0.1					
7 „	.914	.459	63.5	59.0	4.5	55.8	.455	.78	66.2	72.4	„	0.1					
8 „	.954	.453	67.3	62.0	5.3	58.7	.501	.75	68.0	72.3	„	0.2					
9 „	.977	.501	69.5	62.0	7.5	57.2	.476	.67	68.9	72.4	„	0.2					
10 „	.989	.497	71.4	63.2	8.2	58.1	.492	.65	70.0	72.4	E b N	0.2					
11 „	.973	.466	73.6	64.5	9.1	59.0	.507	.62	71.1	72.5	„	0.1					
Noon.	.947	.463	77.5	65.0	12.5	57.3	.479	.52	72.8	72.6	E	0.2	None.			None.	
1 p. m.	.913	.408	78.1	66.0	12.1	58.9	.505	.54	74.2	72.8	WNW	0.2					
2 „	.896	.344	79.2	67.8	11.4	61.6	.552	.56	75.1	73.0	NW	0.1					
3 „	.889	.308	80.1	69.0	11.1	63.1	.581	.58	76.0	73.2	„	0.2					
4 „	.887	.284	80.0	69.6	10.4	64.3	.603	.60	76.5	73.5	„	0.3					
5 „	.891	.244	77.2	70.0	7.2	66.4	.647	.71	75.0	73.6	NW b N	0.5					
6 „	.903	.261	74.5	69.0	7.5	66.2	.642	.77	74.3	73.6	NNW	0.4					
7 „	.926	.298	72.8	68.0	4.8	65.5	.628	.79	73.6	73.6	„	0.3					
8 „	.948	.359	74.3	66.3	5.0	63.5	.589	.78	72.6	73.6	N b W	0.2					
9 „	.961	.382	69.6	65.4	4.2	63.0	.579	.81	71.1	73.5	„	0.1					
10 „	.959	.399	68.5	64.4	4.1	62.0	.560	.81	70.2	73.4	„	0.2					
11 „	.950	.386	67.0	64.0	3.0	62.2	.564	.86	70.0	73.3	„	0.1		+	2		6.2
Jan. 21st-Midnight	.943	.379	67.0	64.0	3.0	62 2	.564	.86	69.6	73.3	NE b N	0.4		+	6		2.22
1 a. m.	.933	.378	66.7	63.6	3.1	61.8	.555	.85	69.4	73.3	NE b E	0.1		+	4		3.40
2 „	.922	.365	67.6	64.0	3.6	61.9	.557	.83	69.4	73.3	„	0.2					
3 „	.923	.418	67.5	62.2	5.3	58.9	.505	.75	69.4	73.3	„	0·2					
4 „	.928	.449	66.6	61.0	5.6	57.3	.479	.74	69.0	73.2	„	0.2					
5 „	.936	.450	64.7	60.5	4.2	57.8	.486	.80	68.1	73.1	„	0.1					
6 „	.959	.480	64.0	60.0	4.0	57.3	.479	.80	67.2	73.0	„	0.2					
7 „	.989	.615	63.4	56·0	7.4	50.0	.374	.64	66.7	73.0	NNE	0·1					
8 „	30.017	.572	67.0	60.0	7.0	55.2	.445	.68	68.0	72.8	„	0.1					
9 „	.036	.595	70.0	61.0	9·0	54.9	.441	.61	69.5	72.7	NE b E	0.1					
10 „	.037	.528	72.0	64.0	8.0	59.2	.509	.66	70.5	72.8	„	0.1					
11 „	.023	.543	75.2	64.2	11.0	57.4	.480	.56	72.0	72.8	N	0.2	None.			None.	
Noon.	29.993	.543	76.8	63.8	13.0	55.5	.450	.50	72.9	73.0	NNW	0.2					
1 p. m.	.959	.477	78.8	65.5	13.3	57.5	.482	.50	74.8	73.1	„	0.2					
2 „	.931	.406	79.7	67.2	12.5	60.1	.525	.53	75.6	73.3	„	0.3					
3 „	.918	.400	79.8	67.0	12.8	59.7	.518	.52	76.0	73.5	„	0.3					
4 „	.915	.366	80.0	68.0	12.0	61.4	.549	.55	76.3	73.6	„	0.4					
5 „	.924	.334	77·8	68.5	9.3	63.6	.590	.63	75.2	73.7	„	0.3					
6 „	.932	.328	75.0	68.0	7.0	64.3	.604	.71	73.4	73.8	N b W	0.2					
7 „	.946	.360	72.8	66.7	6.1	63.4	.586	.74	73.2	73.8	N	0.3					
8 „	.964	.380	72.0	66.4	5.6	63.3	.584	.75	73.0	73.9	„	0.3					
9 „	.977	.432	71.5	65.0	6.5	61.2	.545	.72	72.5	73.9	„	0.5					
10 „	.986	.441	71·5	65.0	6.5	61.2	.545	.72	72.5	73.9	NNW	0.6					
11 „	.979	.400	69.6	65.4	4.2	63.0	.579	.81	71.2	73.8	N b E	0.2					
Jan. 22nd-Midnight	.962	.409	68.0	64.0	4.0	61.6	.553	.81	70.1	73.7	N b E	0.4					
1 a. m.	.956	.455	66.2	61.6	4·6	58·7	.501	.78	69.8	73.6	„	0·1					
2 „	.945	.459	66.0	61·0	5.0	57.8	.486	.76	69.3	73.6	„	0.1					
3 „	.936	.480	66.0	60.0	6·0	55.9	.456	.71	69.0	73.5	„	0.1					
4 „	.935	.479	66.0	60.0	6.0	55.9	.456	.71	68.6	73.5	„	0.2	None.	None.	None.	None.	None.
5 „	.947	.423	66.6	62.5	4.1	60.0	.524	.81	68.6	73·3	„	0.1					
6 „	.979	.470	66.5	62.0	4.5	59.2	.509	.79	68.6	73.2	„	0·5					
7 „	30.005	.485	65.5	62.0	3.5	59.8	.520	.83	67·8	73.0	NNE	0.3					
8 „	.038	.485	68.0	64.0	4.0	61·6	.553	.81	68.4	72.9	„	0.2					
9 „	.056	.564	71.4	63.2	8.2	58.1	.492	.65	70.0	72.8	„	0.3					
10 „	.055	.548	73.6	64.5	9.1	59.0	.507	.62	71.4	72.8	N b E	0.4					
11 „	.030	.523	75.0	65·0	10.0	59.0	·507	.59	72.2	73.0	„	0.5					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≤ cirri; ≤≤ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩⌣ cumulo-strati; and ≤⌣ nimbi.	
0	G	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 78°0 and 81°8.
0	C	" " "	
0	C	" " "	
0	C	" " "	
0	C	" " "	
0	B	" " "	
0	B	" " "	
0	B	Mist around hor.	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	" "	
0	C	" "	
0	C	Mist along the hor.	
0	C	" "	
0	B	" "	
0	B	" "	
0	B	Cloudless.	
0	B	"	
0	G	"	
0	G	"	
0	G	"	
0	G	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°8 and 81°6. 21st January was the 6th cloudless day from the beginning of the year.
0	C	" "	
0	C	" "	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	" "	
0	C	Mist around hor.	
0	C	" "	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	" "	
0	C	" "	
0	C	" "	
0	B	Mist in NE hor.	
0	B	" "	
0	G	" "	
0	G	" "	
0	C	Cloudless.	
0	C	"	
0	B	"	
0	B	"	
0	G	Cloudless and dew falling.	
0	G	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°8 and 81°6. 22nd January.—On this day wind blew with a force of more than 1 lb. on a square foot.
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
0	B	" "	
1	B	≤ scattered along the E hor.; dew falling.	
2	B	≤ scattered along the E hor.; mist around hor.	
2	B	" " "	
2	G	" " "	
2	G	" " "	
1	G	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 22nd—Noon.	30.004	29.458	76°4	66°7	9°7	61°3	0.546	0.61	73°3	73°2	N	0.7					
1 p. m.	29.969	.392	77.7	68.1	9.6	62.9	.577	.62	74.9	73.5	NNW	0.6					
2 „	.950	.379	78.0	68.0	10.0	62.6	.571	.61	75.2	73.7	„	0.7					
3 „	.941	.399	77.6	67.0	10.6	61·0	.542	.59	75.4	73.8	„	0.9					
4 „	.941	.395	77.3	67.0	10.3	61·3	.546	.59	75.2	74.0	„	0.9					
5 „	.947	.386	74.5	66.5	8.0	62.1	.561	.67	74.0	74.0	„	0.8	None.			None.	
6 „	.956	.384	72.0	66.0	6.0	62.7	.572	.74	73.0	74.0	„	0.8					
7 „	.975	.411	71.3	65.5	5.8	62.2	.564	.74	71.4	74.0	„	0.8					
8 „	.995	.444	71.0	65.0	6.0	61.5	.551	.73	71.2	74.0	„	0.7					
9 „	30.002	.495	70.3	63.5	6.8	59.0	.507	.70	71.0	73.9	„	1.0		+	6		3.15
10 „	.002	.505	70.3	63.5	6.8	59.0	.507	.70	71.0	73·7	„	0.8		+	10		1.54
11 „	.001	.500	70.0	63.0	7.0	58.7	.501	.69	70.7	73.6	„	0.7		+	16		0.38
Jan. 23rd—Midnight	.002	.442	68.5	64.4	4.1	62.0	.560	.81	70.1	73.5	NW	0.3		+	12		1·0
1 a. m.	29.982	.411	66.4	64.0	2.4	62.6	.571	.88	69.5	73.5	NNW	0.1		+	8		2.16
2 „	.970	.397	66.2	64·0	2.2	62.7	.573	.89	69.1	73.5	N b W	0.1		+	2		Above 10m.
3 „	.959	.388	65.5	63.7	1.8	62.6	.571	.91	68.7	73.4	N	0.1					
4 „	·959	.384	66.0	64.0	2.0	62.8	.575	.90	68.4	73·4	„	0.1					
5 „	.978	.386	67.3	65.0	2.3	63.7	.592	.89	68.8	73.3	N b E	0.2					
6 „	.991	.405	66.4	64.5	1.9	63.4	.586	.91	68.2	73.1	NNE	0.3					
7 „	30.017	.441	65.9	64.0	1.9	62.9	.576	.91	68.0	73.0	„	0.1					
8 „	.033	.459	67.5	64.5	3.0	62.8	.574	.86	68.7	72.9	N	0.3					
9 „	.046	·451	70.5	66.2	4.3	63.9	.595	.81	70.0	72.8	N b W	0·4					
10 „	.045	.444	71.7	66.8	4.9	64.2	.601	.78	71.2	72.9	„	0.5					
11 „	.030	.448	74.0	67.0	7·0	63.2	.582	.70	72.0	73.0	NNW	0.7					
Noon.	.000	.409	75.2	67.7	7.5	63.7	.591	.69	72.5	73.0	N b W	1.0	None.			None.	
1 p. m.	29.972	.425	75.4	66.4	9.0	61.3	.547	.63	73.4	73.2	NNW	1.0					
2 „	·947	.422	74.9	65.5	9.4	60.1	·525	.62	73.6	73.4	„	1.1					
3 „	·931	.425	74.2	64.7	9.5	59.0	.506	.61	73.2	73.5	„	1.3					
4 „	·929	.453	73.4	63.4	10.0	57.2	.476	.58	73.0	73.6	„	1.0					
5 „	·931	·431	71.9	62.0	9.9	55.5	.450	.58	72.3	73.5	„	1.0					
6 „	·938	.470	70.3	62.0	8.3	56.6	.468	.64	71.2	73 5	„	1.0					
7 „	·949	.503	69.5	61.0	8.5	55.2	·446	.63	70.5	73.5	N b W	0.8					
8 „	·966	.546	68.0	59.5	8.5	53.4	.420	.62	69.5	73.4	N	0.8					
9 „	·979	.591	67.0	58.0	9.0	51.1	.388	.59	69.0	73.3	N b E	0.7					
10 „	.979	.626	66.5	56.5	10.0	48.3	.353	.55	68.6	73.2	„	0.6					
11 „	.975	.633	66.3	56.0	10.3	47.4	.342	.53	68.0	73.1	„	0.5					
Jan. 25th—Midnight	.968	.615	64.6	55.7	8.9	48.3	.353	.58	67.4	72.2	N b E	0.1		+	6		0.40
1 a. m.	.955	.624	63.3	54.3	9.0	46.5	.331	.57	66.8	72.2	„	0.1		+	2		3.19
2 „	.934	.657	63.0	52.0	11.0	41.3	.277	.48	66.4	72.1	„	0.1					
3 „	.917	.677	62.5	50.3	12.3	37.2	.240	.42	65.8	72.0	„	0.1					
4 „	.915	.654	62.2	51.0	14.2	39.6	.261	.46	65.3	71.9	N	0.1					
5 „	.937	.656	61.5	51.5	10.0	41.7	.281	.51	64.2	71.6	N b E	0.1					
6 „	.954	.664	60.7	51.5	9.2	42.7	.290	.54	63.6	71.4	„	0.1					
7 „	.976	.652	61.0	53.0	8.0	45.9	.324	.60	63.3	71.1	„	0.1					
8 „	30.008	.656	65.4	56.0	9.4	48.3	.352	.56	65.4	71.0	„	0.1		+	6		1.15
9 „	.028	.675	68.5	57.3	11.2	48.3	.353	.51	66.7	71.1	NNE	0.1		+	4		2.46
10 „	.032	.700	70.4	57.3	13.1	46.6	.332	.45	68.8	71.2	NE b N	0.1		+	2		4.10
11 „	.017	.647	73.8	60.0	13.8	49.7	.370	.45	70.5	71.4	NE	0.1	None.			None.	
Noon.	29.994	·580	76.6	62.5	14.1	53.0	.414	.46	72.0	71.6	NNW	0.3					
1 p. m.	.962	.519	78·0	64.0	14.0	55.0	.443	.47	73.1	71.8	NW b N	0.3					
2 „	.929	.466	79.6	65.2	14.4	56.3	.463	.47	74.5	72.0	„	0.2					
3 „	.911	.426	79.1	65.7	13.4	57.7	.485	.50	75.0	72.2	„	0.3					
4 „	.909	.411	78·2	65.8	12.4	58.5	.498	.52	75.0	72.4	NNW	0.4					
5 „	.919	.415	75.3	65.0	10.3	58.9	.504	.58	74.0	72.6	„	0.5					
6 „	.928	.446	71.7	63.0	8.7	57.5	.482	.63	72.4	72.6	N b W	0.6					
7 „	.939	.458	70.5	62.5	8.0	57.5	.481	.65	72.0	72.6	„	0.5					
8 „	.960	.461	70.2	63·0	7.2	58.6	.499	.68	71·5	72.6	„	0.6					
9 „	.970	.524	69·5	61.0	8.5	55.2	.446	.63	70.4	72.5	„	0.5		+	10		1.10
10 „	.975	.488	68.5	62.0	6 5	57.8	.487	.71	69.8	72.4	N	0.3		+	2		3.14
11 „	.969	.483	66.9	61·0	5.0	57·8	.486	.76	68.2	72.2	„	0.2		+	1		Above 10m.

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ≀⌒ nimbi.	
0	G	≀ scattered along the E hor.; mist around hor.	
0	C	A few ≀ in NE hor.	
0	C	,, ,,	
0	C	Cloudless.	
0	C	,,	
0	B	A few ≀ and mist along the E hor.	
1	B	≀ scattered above SE and W hor.	
0	B	Cloudless.	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	Cloudless and dew falling.	
0	G	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°7 and 81°6.
3	C	≀ scattered about moving SE; dew falling.	
2	C	≀ scattered about hor.; dew falling.	
2	C	,, ,, ,,	
3	C	,, ,, ,,	23rd January.—On this day wind blew with a force of more than 1 lb. on a square foot.
7	B	Dense ≀ scattered about, moving SSE; dew falling.	
7	B	≀≀ in hor. and ≀ scattered about; dew falling.	
7	B	≀≀ and ≀ scattered about, the former moving SSE; mist around hor.	
6	B	,, ,, ,, ,,	
6	G	≀≀ around hor.; ≀ scattered about moving SE; mist in hor.	
7	G	≀ and ≀≀ scattered about moving SE; mist in hor.	
7	G	,, ,, ,,	
6	G	A few ≀≀ in E hor.; ≀ scattered about moving SSE; mist in W hor.	
5	C	≀ scattered about moving SSE; fresh breezes from NW.	
4	C	,, ,, ,,	
3	C	,, ,, ,,	
3	C	,, ,, ,,	
3	B	≀ scattered about moving SE.	
5	B	,, ,,	
3	B	,, ,,	
2	B	≀ scattered about hor.	
2	B	,, ,,	
2	B	,, ,,	
2	B	,, ,,	
0	N	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 77°6 and 81°6. At 6 A.M. the temperature of Air was 60°7 lowest in the month, & about 9°6 lower than the Normal Mean; at 3 A.M. the temperature of Evaporation and that of the Dew-point also was lowest during the month—the former was about 16°0 less than the Normal Mean and the latter about 26°6 less than the Normal Mean.
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	,,	
0	B	,,	
0	B	Mist around hor.	
0	B	,, ,,	
0	C	,, ,,	
0	C	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	C	Mist along the E hor.	25th January was the 7th cloudless day from the beginning of the year.
0	C	,, ,,	
0	C	,, ,,	
0	C	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	B	Cloudless.	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	,,	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.		
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 26th-Midnight	29.955	29.487	65°0	60°0	5°0	56°6	0.468	0.76	67°6	72°1	N	0.0		+	1		Above 10m.
1 a. m.	.949	.500	64.8	59.3	5.5	55.4	.449	.73	67.5	72.1	N b E	0.1					
2 „	.934	.499	63.6	58.3	5.3	54.5	.435	.74	67.1	72.1	N	0.1					
3 „	.923	.580	61.5	54.0	7.5	47.5	.343	.63	66.2	72.0	„	0.0					
4 „	.920	.582	62.0	54.0	8.0	47.1	.338	.61	65.4	71.9	„	0.1					
5 „	.935	.649	61.0	51.5	9.5	42.3	.286	.53	64.0	71.7	N b E	0.3					
6 „	.957	.676	61.5	51.5	10.0	41.7	.281	.51	64.2	71.5	NNE	0.2					
7 „	.975	.707	61.5	51.0	10.5	40.4	.268	.49	64.0	71.3	„	0.1					
8 „	30.004	.696	67.0	55.0	12.0	44.4	.308	.47	66.0	71.3	„	0.1					
9 „	.030	.693	68.4	56.7	11.7	47.6	.337	.49	66.9	71.2	NE b N	0.2	None.			None.	
10 „	.030	.708	71.2	57.2	14.0	45.5	.322	.42	69.0	71.4	„	0.1					
11 „	.009	.641	74.0	60.0	14.0	49.6	.368	.45	70.5	71.5	N b E	0.2					
Noon.	29.976	.594	75.4	61.0	14.4	50.7	.382	.44	71.8	71.6	NNW	0.2					
1 p. m.	.950	.492	77.8	64.4	13.4	56.0	.458	.49	73.7	71.8	NW b N	0.5					
2 „	.929	.423	78.3	66.1	12.2	59.0	.506	.53	74.8	72.0	„	0.6					
3 „	.911	.426	78.5	65.5	13.0	57.7	.485	.51	75.2	72.2	NNW	0.4					
4 „	.909	.414	77.6	65.5	12.1	58.3	.495	.54	75.0	72.5	NW b N	0.4					
5 „	.911	.410	74.7	64.7	10.6	58.7	.501	.59	74.0	72.6	„	0.6					
6 „	.919	.410	72.0	64.0	8.0	59.2	.509	.66	72.6	72.6	„	0.6					
7 „	.941	.421	71.0	64.0	7.0	59.8	.520	.69	72.0	72.6	NNW	0.7					
8 „	.962	.438	70.6	64.0	6.6	60.0	.524	.71	71.5	72.6	„	0.4					
9 „	.967	.442	69.2	63.5	5.7	60.1	.525	.77	70.0	72.5	N	0.2					
10 „	.964	.471	68.0	62.0	6.0	58.2	.493	.72	69.2	72.5	„	0.2					
11 „	.958	.467	66.3	61.3	5.0	58.1	.491	.76	69.0	72.4	„	0.1					
Jan. 27th-Midnight	.943	.457	66.0	61.0	5.0	57.8	.486	.76	68.2	72.2	N	0.3					
1 a. m.	.935	.473	65.5	60.0	5.5	56.3	.462	.74	68.0	72.2	„	0.1					
2 „	.916	.439	66.1	60.7	5.4	57.2	.477	.74	68.0	72.2	„	0.1					
3 „	.913	.425	65.8	61.0	4.8	57.9	.488	.77	67.9	72.2	„	0.1					
4 „	.910	.428	65.0	60.5	4.5	57.5	.482	.78	67.8	72.1	„	0.1					
5 „	.919	.449	64.8	60.0	4.8	56.8	.470	.77	67.0	72.0	„	0.3					
6 „	.937	.487	64.0	59.0	5.0	55.5	.450	.75	66.5	71.8	„	0.1					
7 „	.963	.567	63.8	57.0	6.8	51.7	.396	.67	66.0	71.6	N b E	0.2					
8 „	.985	.597	67.0	58.0	9.0	51.1	.388	.59	67.5	71.6	„	0.1					
9 „	30.007	.626	69.2	58.6	10.6	50.5	.381	.54	68.6	71.6	„	0.1					
10 „	.010	.640	73.8	60.0	13.8	49.7	.370	.45	71.0	71.7	„	0.1					
11 „	29.990	.577	76.4	62.4	14.0	52.9	.413	.42	72.4	71.9	NNW	0.2	None.			None.	
Noon.	.968	.516	77.2	64.0	13.2	55.6	.452	.50	74.0	72.2	„	0.5					
1 p. m.	.945	.404	78.3	67.2	11.1	61.0	.541	.57	75.0	72.4	NW	0.3					
2 „	.920	.338	78.8	68.6	10.2	63.2	.582	.61	75.5	72.7	„	0.3					
3 „	.905	.305	78.4	69.0	9.4	64.1	.600	.63	75.9	72.9	NW b N	0.6					
4 „	.906	.302	78.0	69.0	9.0	64.3	.604	.64	75.7	73.0	„	0.5					
5 „	.916	.339	75.4	67.3	8.1	62.9	.577	.67	74.5	73.2	„	0.6					
6 „	.933	.340	73.0	67.0	6.0	63.8	.593	.74	73.5	73.2	„	0.6					
7 „	.948	.405	71.7	65.0	6.7	61.1	.543	.71	72.5	73.2	„	0.6					
8 „	.969	.430	70.7	64.5	6.2	60.9	.539	.72	72.0	73.2	NNW	0.2					
9 „	.971	.446	69.2	63.5	5.7	60.1	.525	.77	71.1	73.1	N b W	0.3					
10 „	.967	.489	68.4	62.0	6.4	57.3	.478	.71	70.2	73.0	„	0.2		+	2		2.26
11 „	.959	.466	68.0	62.0	6.0	58.2	.493	.72	70.0	72.9	N	0.3		+	1		Above 10m.
Jan. 28th-Midnight	.957	.464	68.0	62.0	6.0	58.2	.493	.72	70.0	72.9	N b E	0.5		+	1		Above 10m.
1 a. m.	.946	.435	68.0	62.6	5.4	59.3	.511	.75	69.6	72.9	„	0.2					
2 „	.940	.406	67.0	63.0	4.0	60.6	.534	.81	69.3	72.9	„	0.1					
3 „	.918	.366	67.0	63.6	3.4	61.6	.552	.84	69.1	72.8	„	0.1					
4 „	.917	.371	66.5	63.2	3.3	61.3	.546	.84	68.9	72.7	„	0.1	None.			None.	
5 „	.931	.414	65.8	62.0	3.8	59.6	.517	.82	68.0	72.6	„	0.1					
6 „	.941	.491	64.0	59.0	5.0	55.5	.450	.75	67.0	72.4	„	0.1					
7 „	.962	.462	66.0	61.5	4.5	58.6	.500	.79	67.3	72.3	„	0.1					
8 „	.982	.465	68.5	63.0	5.5	59.6	.517	.75	69.0	72.3	NNE	0.3					
9 „	.998	.461	70.6	64.4	6.2	60.8	.537	.73	70.2	72.4	„	0.2		+	2		3.20
10 „	30.003	.484	72.5	64.5	8.0	59.7	.519	.66	72.0	72.5	„	0.2		+	6		1.26
11 „	29.987	.495	76.4	65.0	11.4	53.1	.492	.55	74.2	72.6	NW b N	0.2		+	1		Above 10m.

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are; ≀ cirri; ≀≀ cirro-cumuli; ⌒≀ cumuli; ⌣≀ cirro-strati; ⌒≀ cumulo-strati; and ⌣≀ nimbi.	Remarks.
0	G	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°4 and 81°4.
0	C	" "	
0	C	" "	
0	C	Cloudless.	26th January was the 8th cloudless day from the beginning of the year.
0	C	"	
0	B	"	
0	B	"	
0	B	Mist around hor.	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	Mist along E hor.	
0	C	" "	
0	C	" "	
0	C	" "	
0	B	" "	
0	B	" "	
0	B	Cloudless.	
0	B	"	
0	G	"	
0	G	"	
0	G	"	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 77°3 and 81°3.
0	C	"	
0	C	"	
0	C	Cloudless and dew falling.	
0	C	" "	
0	B	" "	
0	B	" "	
0	B	Mist around hor.	
0	B	" "	
0	G	A few ≀ above S hor.; mist in hor.	
0	G	" " "	
0	G	A few ≀ and ≀≀ about zenith; mist in hor.	
1	G	≀ along the W hor.; ≀≀ scattered here and there; mist in E hor.	
1	C	≀ scattered along the W hor.; mist in E hor.	
1	C	≀ scattered above W and N hor.; mist along E hor.	
0	C	A few ≀ above NW hor.; mist along E hor.	
0	C	" " " "	
0	B	Mist along the E hor.	
0	B	" "	
0	B	Cloudless.	
0	B	"	
0	G	A few ≀ in W hor.	
0	G	A few ≀ in W hor.; dew falling.	
0	G	" " "	
0	G	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°2 and 81°3.
0	C	" "	
0	C	" "	
0	C	" "	28th January.—On this day fresh breezes of wind blew from NW.
0	C	" "	
0	B	" "	
1	B	≀ scattered along the E hor.	
1	B	≀ scattered along the E hor.; mist around hor.	
0	B	A few ≀ in E hor.; mist around hor.	
0	G	" " "	
0	G	A few ≀ and mist around hor.	
0	G	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Jan. 28th-Noon.	29.956	29.450	78°0	66°0	12°0	59°0	0.506	0.54	74°6	72°8	NW b N	0.4					
1 p. m.	.924	.376	78.6	67.5	11.1	61.4	.548	.57	75.4	73.0	NW b W	0.5					
2 „	.899	.307	79.1	69.0	10.1	63.7	.592	.61	76.0	73.2	WNW	0.3					
3 „	.886	.288	79.5	69.3	10.2	64.0	.598	.61	76.4	73.4	„	1.5					
4 „	.882	.271	78.6	69.4	9.2	64.7	.611	.64	76.1	73.6	„	0.4					
5 „	.888	.245	76.0	69.5	6.5	66.2	.643	.73	75.0	73.7	NW b W	0.7	None.	None.	None.	None.	None.
6 „	.899	.269	73.2	68.2	5.0	65.6	.630	.78	73.8	73.7	„	0.8					
7 „	.921	.284	72.0	68.0	4.0	65.9	.637	.82	73.2	73.6	„	0.7					
8 „	.944	.320	71.7	67.5	4.2	65.3	.624	.81	73.0	73.6	NW	0.6					
9 „	.948	.353	70.5	66.2	4.3	63.9	.595	.81	72.0	73.6	NW b N	0.7					
10 „	.951	.359	70.2	66.0	4.2	63.7	.592	.81	71.2	73.5	NNW	0.6					
11 „	.942	.337	69.0	66.0	3.0	64.4	.605	.86	71.0	73.4	„	0.4					
Jan. 29th-Midnight	.934	.379	68.7	64.3	4.4	61.8	.555	.80	70.0	73.2	NNW	0.3					
1 a. m.	.925	.371	68.5	64.2	4.3	61.7	.554	.80	70.0	73.2	NW b N	0.1					
2 „	.903	.332	68.3	64.7	3.6	62.6	.571	.83	70.0	73.2	„	0.1					
3 „	.892	.324	68.0	64.5	3.5	62.5	.568	.84	70.0	73.2	„	0.1					
4 „	.891	.327	67.0	64.0	3.0	62.2	.564	.86	69.5	73.1	NNW	0.1					
5 „	.906	.336	66.5	64.0	2.5	62.5	.569	.88	69.0	73.0	„	0.3					
6 „	.931	.382	65.6	63.0	2.6	61.4	.549	.87	68.0	72.9	„	0.1					
7 „	.959	.477	65.0	60.5	4.5	57.5	.482	.78	67.5	72.8	„	0.1					
8 „	.978	.480	67.5	62.0	5.5	58.5	.498	.75	68.5	72.8	„	0.3		+	10		0.36
9 „	30.002	.503	70.2	63.0	7.2	58.6	.499	.68	70.0	72.8	N b W	0.2		+	12		1.18
10 „	.001	.519	71.7	63.0	8.7	57.5	.482	.63	71.0	72.8	N b E	0.2		+	6		2.9
11 „	29.981	.496	75.6	64.5	11.1	57.7	.485	.56	72.8	72.9	„	0.3	None.			None.	
Noon.	.955	.428	76.9	66.3	10.6	60.2	.527	.58	74.0	73.0	NW	0.5					
1 p. m.	.926	.372	78.0	67.5	10.5	61.7	.554	.59	75.0	73.2	NNW	0.4					
2 „	.905	.313	79.1	69.0	10.1	63.7	.592	.61	76.0	73.4	„	0.4					
3 „	.891	.264	79.3	70.1	9.2	65.4	.627	.64	76.3	73.5	„	0.3					
4 „	.890	.273	79.0	69.7	9.3	65.0	.617	.64	76.2	73.7	„	0.3		+	2		3.40
5 „	.899	.347	76.7	67.0	9.7	61.6	.552	.61	75.0	73.9	„	0.7					
6 „	.907	.353	73.6	66.0	7.6	61.7	.554	.68	74.0	73.9	„	0.7					
7 „	.916	.375	72.5	65.2	7.3	61.0	.541	.69	73.5	73.9	„	0.6		+	2		3.5
8 „	.930	.387	71.7	65.0	6.7	61.1	.543	.71	73.0	73.8	N b W	0.6		+	1		Above 10m.
9 „	.939	.350	71.3	66.3	5.0	63.5	.589	.78	72.4	73.7	„	0.5		+	6		2.21
10 „	.947	.376	69.2	65.0	4.2	62.6	.571	.81	71.3	73.6	„	0.3		+	10		1.11
11 „	.936	.365	68.3	64.7	3.6	62.1	.571	.83	70.4	73.5	„	0.2		+	4		3.38
Jan. 30th-Midnight	.923	.352	68.3	64.7	3.6	62.6	.571	.83	70.0	73.4	N b W	0.3		+	6		3.26
1 a. m	.901	.341	68.5	64.4	4.1	62.0	.560	.81	70.0	73.4	N	0.1		+	8		1.20
2 „	.894	.462	68.2	60.0	8.2	54.3	.432	.63	69.8	73.3	N b E	0.1		+	2		Above 10m.
3 „	.888	.375	69.2	63.1	6.1	59.4	.513	.72	69.8	73.3	„	0.1		+	4		4.10
4 „	.890	.386	67.3	62.1	5.2	58.9	.504	.76	69.4	73.2	„	0.1		+	20	20	0.5
5 „	.902	.492	65.0	58.0	7.0	52.7	.410	.67	68.0	73.0	„	0.1					
6 „	.928	.541	64.6	57.0	7.6	51.0	.387	.64	67.5	72.8	„	0.2					
7 „	.954	.567	66.6	57.8	8.8	51.0	.387	.60	68.2	72.7	„	0.2					
8 „	.976	.579	70.0	59.5	10.5	51.8	.397	.55	69.5	72.7	NNE	0.1					
9 „	.995	.589	71.3	60.3	11.0	52.4	.406	.53	70.4	72.7	„	0.2		+	2		4.49
10 „	.996	.569	74.0	62.0	12.0	53.9	.427	.52	71.2	72.8	„	0.1		+	1		Above 10m.
11 „	.972	.518	75.6	63.5	12.1	55.7	.454	.52	72.7	72.9	„	0.2		+	1		Above 10m.
Noon.	.947	.464	77.2	65.0	12.2	57.6	.483	.53	74.0	73.0	NW b N	0.3	None.				
1 p. m.	.920	.340	79.0	68.6	10.4	63.1	.580	.60	75.1	73.2	„	0.5					
2 „	.895	.285	79.0	69.5	9.5	64.6	.610	.63	75.0	73.4	„	0.4		+	4		1.35
3 „	.880	.253	79.0	70.0	9.0	65.4	.627	.65	76.2	73.6	„	0.3		+	2		Above 10m.
4 „	.879	.260	79.7	70.0	9.7	65.1	.619	.63	76.8	73.8	„	0.2		+	2		4.15
5 „	.888	.298	77.8	68.5	9.3	63.6	.590	.63	75.0	73.8	„	0.3		+	6		2.23
6 „	.891	.300	75.2	67.7	7.5	63.7	.591	.69	74.2	73.9	„	0.5		+	10		0.50
7 „	.966	.305	71.7	66.8	4.9	64.2	.601	.78	73.7	73.9	„	0.6		+	18	14	1.00
8 „	.918	.335	71.0	66.0	5.0	63.2	.583	.78	73.0	73.9	„	0.6		+	20	18	0.21
9 „	.945	.432	70.3	63.5	6.8	59.0	.513	.70	72.2	73.8	N b E	0.5		+	10		2.11
10 „	.937	.424	69.2	63.1	6.1	59.4	.513	.72	71.4	73.7	N b W	0.3		+	6		2.26
11 „	.931	.419	69.0	63.0	6.0	59.3	.512	.73	70.3	73.6	NW b N	0.2		+	6		2.49

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀ cirro-cumuli; ≀ cumuli; ≀ cirro-strati; ≀ cumulo-strati; and ≀ nimbi.	Remarks.
0	G	A few ≀ and mist around hor.	
0	C	A few ≀ and mist along the E. hor.	
0	C	" " "	
0	C	" " "	
0	C	" " "	
0	B	A few ≀ around hor.; mist along the E hor.	
0	B	" " "	
0	B	Cloudless.	
0	B	"	
0	G	"	
0	G	Cloudless and dew falling.	
0	G	" "	
0	G	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°2 and 81°3.
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
0	B	" "	
1	B	≀ scattered along the E hor.; dew falling.	
1	B	≀ scattered along the E hor.; mist around hor.	
0	B	A few ≀ scattered in SE hor.; mist around hor.	
0	G	" " " "	
0	G	" " " "	
0	G	A few ≀ here and there in hor.; mist and fog in hor.	
0	G	" " " "	
0	C	Mist around hor.	
0	C	" "	
0	C	Mist along the E hor.	
0	C	" "	
0	B	" "	
0	B	" "	
0	B	Cloudless.	
0	B	"	
0	G	Cloudless; dew falling.	
0	G	" "	
0	G	" "	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 77°3 and 81°3.
0	C	"	
0	C	"	
0	C	"	
0	C	Cloudless; and dew falling.	
0	B	" " "	
0	B	A few ≀ in E hor.	
1	B	≀ scattered along the E hor.	
0	B	A few ≀ above SE hor.; mist in hor.	
0	G	" " "	
0	G	Mist around hor.	
0	G	" "	
0	G	" "	
0	C	" "	
0	C	" "	
0	C	" "	
0	C	Mist along the E hor.	
0	G	" "	
0	G	" "	
0	G	Cloudless.	
0	G	Cloudless and dew falling.	
0	G	" "	
0	G	" "	
0	G	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 1st-Midnight	29.944	29.328	68°0	66°0	2°0	64°9	0.616	0·91	70°0	73°4	N b W	0.3		+	6		2.26
1 a. m.	.934	·324	68·0	65.8	2.2	64.6	.610	.90	70.0	73.3	,,	0.1		+	4		3.10
2 ,,	.915	.296	68.0	66.1	1.9	65.1	.619	.91	70.0	73.3	N	0.2		+	2		Above 10m.
3 ,,	.912	.294	67.8	66.0	1.8	65.0	.618	.91	69.7	73.2	,,	0.1					
4 ,,	.912	·313	66.6	65.0	1.6	64.1	.599	.92	69.3	73.2	,,	0.1					
5 ,,	.933	·326	67.0	65.4	1.6	63.5	.607	.92	69.3	73.2	N b E	0.1					
6 ,,	.960	·386	66.1	64·0	2.1	62.8	.574	.90	69.0	73.1	NE b E	0.1					
7 ,,	.992	.419	66.5	64.1	2.4	62.7	.573	.89	68.5	73.0	,,	0.2					
8 ,,	30.013	.427	68.4	65.2	3.2	63.4	.586	.85	68.2	72.9	E b N	0.2					
9 ,,	.034	·444	70.4	66.0	4.4	63.6	.590	.80	70.0	73.0	ENE	0.2					
10 ,,	.044	.439	72.5	67.2	5.3	64.4	.605	.77	71.5	73.0	E b N	0.1					
11 ,,	.040	.464	74.5	67.0	7.5	62.9	.576	.69	72·5	73.1	,,	0.1	None.			None.	
Noon.	.009	.420	76.4	68.0	8.4	63.5	.589	.66	74.0	73.2	NNW	0.2					
1 p. m.	29·984	·402	77.0	68.0	9.0	63.2	.582	.64	74.2	73.3	NW	0.5					
2 ,,	·956	·365	77.4	68.4	9.0	63.6	.591	.64	75.0	73.4	WNW	0.4					
3 ,,	.945	·355	77.8	68.5	9.3	63.7	.590	.63	75.1	73.5	NW	0.6					
4 ,,	.949	.372	77·7	68.1	9.6	62.9	.577	.62	74.5	73.5	,,	0.7					
5 ,,	.957	.418	75.0	66.0	9.0	60.9	·539	.63	74.0	73.7	NW b W	0.6					
6 ,,	.971	.462	72.3	64.1	8.2	59.2	·509	.65	73.4	73.8	NW	0.5					
7 ,,	·992	.471	71.2	64.1	7.1	59.9	·521	.69	73.0	73.9	NW b N	0.3					
8 ,,	30·008	.467	70.8	64.6	6.2	61.0	·541	.73	72.2	74.0	,,	0.2					
9 ,,	.032	·474	70.4	65.0	5.4	61.9	·558	.76	71.2	73.8	,,	0.3					
10 ,,	.032	.488	68.8	64.0	4.8	61.2	·544	.78	70.2	73.6	,,	0.1					
11 ,,	.025	·483	67.7	63.5	4.2	61.0	·542	.81	69.7	73.5	,,	0.0					
Feb. 2nd-Midnight	.016	.482	67.0	63.0	4.0	60.6	·534	.81	69.0	73.3	NNW	0.0					
1 a. m.	29.997	.423	66.1	64.0	2.1	62·8	·574	.90	68.2	73.2	,,	0.0					
2 ,,	.978	.407	65.5	63.7	1.8	62.6	·571	.91	68.0	73.1	,,	0.0					
3 ,,	.975	.422	65.3	63.0	2.3	61.6	·553	.89	68.0	72.9	,,	0.3					
4 ,,	.972	.416	65.0	63·0	2.0	61.8	·556	.90	67·7	72.8	N b W	0.2					
5 ,,	.987	.516	64.7	60.0	4.7	56.8	·471	.77	67.6	72.8	N	0.1					
6 ,,	30.012	.526	65.0	60.6	4.4	57.8	·486	.79	67.5	72.7	N b E	0.1					
7 ,,	.036	.569	65.4	60.1	5.3	56.6	·467	.74	67.2	72·6	NNE	0.1					
8 ,,	.071	.554	67.7	62.7	5.0	59.6	·517	.77	67.9	72.4	ENE	0.2					
9 ,,	.091	.598	69.4	62.5	6.9	58.2	·493	.69	69.2	72.6	NE b E	0.2					
10 ,,	.093	.616	72.2	63.0	9.2	57.2	·477	.61	71.0	72.6	ENE	0.3					
11 ,,	.073	.582	73.6	64.0	9.6	58.1	·491	.60	72.0	72.7	,,	0.2	None.	None.	None.	None.	None.
Noon.	.059	.618	76.3	63.3	13.0	54.9	·441	.49	73.0	72.9	,,	0.2					
1 p. m.	.027	.568	78.2	64.6	13.6	56.1	·459	.48	73.7	73.0	NW b W	0.2					
2 ,,	.004	.509	79.0	66.0	13.0	58.3	·495	.51	75.0	73.1	,,	0.4					
3 ,,	29.992	.489	79.4	66.4	13.0	58.8	·503	.51	75.1	73.2	NW	0.5					
4 ,,	.990	.462	78.9	67.0	11.9	60.3	·528	.55	75.0	73.3	,,	0.7					
5 ,,	.993	.454	77.1	66.7	10.4	60.9	·539	.59	75.0	73.5	NW b N	0.3					
6 ,,	.999	.457	73.6	65.6	8.0	61.0	·542	.67	73.8	73.6	,,	0.2					
7 ,,	30.022	.454	72.4	66.0	6.4	62.5	·568	.72	73.3	73.7	NNW	0.1					
8 ,,	.046	.474	72.0	66.0	6.0	62.7	·572	.74	73.0	73.7	,,	0·2					
9 ,,	.062	.501	71.6	65.5	6.1	62.1	·561	·73	72.8	73.6	N b W	0.2					
10 ,,	.062	.479	71.0	66.0	5.0	63.2	·583	.78	72.3	73.5	,,	0.1					
11 ,,	.054	.470	69.5	65.5	4.0	63.3	·584	.82	71.0	73.4	,,	0.1					
Feb. 3rd-Midnight	.047	.524	68.0	63.0	5.0	60.0	·523	.77	70.0	73.3	N	0.0					
1 a. m.	.026	.484	67.7	63.5	4.2	61.0	·542	·81	69·5	73.2	N b E	0.0					
2 ,,	.010	.462	67.1	63.5	3.6	61.4	·548	.83	69.0	73.1	,,	0.0					
3 ,,	29.998	.453	66.0	63.0	3.0	61.2	·545	·85	68.2	73·0	,,	0.2					
4 ,,	30 001	.513	65.8	61.0	4.8	57.9	·488	.77	68.0	72.9	,,	0·1					
5 ,,	.012	.468	66.1	63.0	3.1	61.2	·544	.85	67.8	72.9	,,	0.1	None.			None.	
6 ,,	.024	.487	66.7	63.0	3.7	60.8	·537	.82	67.8	72.8	,,	0.1					
7 ,,	.046	.522	66.8	62.6	4.2	60·0	·524	.80	67·5	72.8	NNE	0.1		+	4		1.50
8 ,,	.063	.533	70.1	64.0	6.1	60.4	·530	.73	69.4	72.8	ENE	0.1		+	4		1.27
9 ,,	.087	.515	72.0	66.0	6.0	62.7	·572	.74	71.0	72.9	E b N	0.2					
10 ,,	.095	.547	72.8	65.5	7.3	61.4	·548	.69	71.7	73.0	,,	0.2					
11 ,,	.082	.543	75.0	66 0	7.0	60.9	·539	.63	72.7	73.1	,,	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≤ cirri; ≤≥ cirro-cumuli; ≥ cumuli; ≤_ cirro-strati; ≥_ cumulo-strati; and ≥≤ nimbi.	
0	G	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°5 and 81°1.
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
4	C	Dense clouds scattered about moving ESE; dew falling.	
4	C	Clouded as before.	
3	C	≤ scattered about moving E; mist around hor.	
2	C	≤ scattered about hor.; mist in hor.	
0	B	A few ≤ in SE hor.; mist around hor.	
0	B	A few ≤ above NW hor.; mist in hor.	
1	B	≤ scattered along the W hor.	
1	B	" "	
1	G	" "	
6	G	≤ scattered about moving NE.	
6	G	" "	
7	G	≤ scattered about; mist along the E hor.	
5	C	" " "	
5	C	" " "	
3	C	≤ scattered about.	
0	C	Cloudless.	
0	B	"	
0	B	"	
0	B	Cloudless and dew falling.	
0	B	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°5 and 81°1. Temperature of free Air at 5 A.M. was 64°7 least during the month and about 6°1 less than the Normal Mean for the hour.
1	G	≤ scattered along the E hor.; dew falling.	
1	G	" " "	
4	G	≤ scattered about moving SE; dew falling.	
4	G	" " "	
4	C	" " "	
3	C	" " "	
3	C	≤ scattered about hor.; mist around hor.	
4	C	≤ scattered about moving SE; mist in hor.	
4	B	" " "	
6	B	≤ scattered about moving E; mist around hor.	
5	B	≤ scattered about moving E; mist in hor.	
7	B	≤ scattered about moving NE.	
6	G	" "	
6	G	" "	
6	G	" "	
6	G	" "	
4	C	" "	
3	C	" "	
0	C	Cloudless.	
0	C	"	
0	B	"	
0	B	"	
0	B	Cloudless and dew falling.	
0	B	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°6 and 81°0.
0	G	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	" "	
3	C	≤ scattered here and there; mist in hor.	
6	C	≤ scattered about moving SE; mist around hor.	
6	C	" " "	
7	B	≤ scattered about moving E; mist in hor.	
7	B	" " "	
7	B	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 3rd-Noon.	30.057	29.486	78°0	68°0	10°0	62°6	0.571	0.61	74°5	78°3	NNW	0.1					
1 p. m.	.030	.472	79.2	68.0	11.2	61.9	.558	.57	76.0	73.4	NW	0.5					
2 „	29.997	.419	79.8	68.8	11.0	63.0	.578	.58	76.0	73.5	NW b N	0.7					
3 „	.980	.398	80.6	69.2	11.4	63.2	.582	.57	76.7	73.6	„	0.7					
4 „	.986	.370	80.0	70.0	10.0	64.9	.616	.62	76.6	73.8	NNW	0.7					
5 „	.986	.339	78.5	70.4	8.1	66.4	.647	.68	76.5	73.9	„	0.4	None.	None.	None.	None.	None.
6 „	.990	.321	75.2	70.0	5.2	67.4	.669	.78	75.4	74.1	„	0.3					
7 „	30.009	.378	74.0	68.5	5.5	65.6	.631	.76	74.6	74.3	„	0.4					
8 „	.033	.399	73.5	68.4	5.1	65.8	.634	.78	74.2	74.2	„	0.3					
9 „	.065	.496	72.3	66.0	6.3	62.5	.569	.73	73.0	74.1	N b W	0·2					
10 „	.066	.529	72.3	65.0	7.3	60.8	.537	.69	73·0	74.1	N b E	0.2					
11 „	.062	.493	72.3	66.0	6·3	62.5	.569	.73	73.0	74.1	NNE	0.1					
Feb. 4th-Midnight	.049	.455	70.0	66.0	4.0	63.8	.594	.82	71.4	74.0	NE b N	0.0					
1 a. m.	.031	.452	69.6	65.4	4.2	63.0	.579	.81	71.0	73.9	„	0.0					
2 „	.014	.421	68.7	65.5	3.2	63.8	.593	.85	70.2	73.8	„	0.1					
3 „	.002	.424	68.5	65.0	3.5	63.0	.578	.84	70.0	73.7	„	0.2					
4 „	.004	.426	68.5	65.0	3·5	63.0	.578	.84	70.0	73.6	„	0.0					
5 „	.014	.442	68.5	64.8	3.7	62.7	.572	.83	69.8	73.5	E b N	0.1					
6 „	.029	.487	69.0	64.0	5.0	61.0	.542	.77	69.4	73.4	„	0.1					
7 „	.065	.519	70.0	64.5	5.5	61.3	.546	.75	69.5	73.3	„	0.2					
8 „	.100	.571	71.6	64.5	7.1	60.3	.529	.69	70.8	73.4	E	0.2					
9 „	.122	.623	73.5	64.2	9.3	58.6	.499	.61	72.5	73.5	„	0.5					
10 „	.125	.604	76.6	66.0	10.6	59.9	.521	.58	74.0	73.6	E b N	0.3	None.	None.	None.	None.	None.
11 „	.109	.599	79.4	66.6	12.8	59.2	.510	.51	76.0	73.9	„	0.1					
Noon.	.085	.614	84.0	67.0	17.0	56.8	.471	.42	79.0	74.2	„	0.1	None.	None.	None.	None.	None.
1 p. m.	.050	.600	87.7	67.6	20·1	55.5	.450	.35	79.9	74.4	WSW	0.2					
2 „	.012	.555	88.8	68.2	20.6	55.9	.457	.35	81.0	74.6	W	0.2					
3 „	29.987	.494	88.0	69.0	19.0	58.2	.493	.38	81.2	74.8	WNW	0.3					
4 „	.977	.435	85.7	69.7	16·0	61.0	.542	.46	81.0	75.0	W b N	0·2					
5 „	.988	.396	82.1	70.0	12.1	63.7	.592	.55	80.0	75.2	NW b W	0.2					
6 „	30.011	.358	79.2	70.8	8.4	66.7	.653	.67	78.7	75.3	NNW	0.4					
7 „	.043	.482	77.1	67.4	9.7	62.1	.561	.61	77.5	75·4	„	0.4					
8 „	.065	.531	76.6	66.4	10.2	60.6	.534	.60	77.1	75.4	N b W	0.2					
9 „	.092	.585	75.0	65.0	10.0	59.0	.507	.59	75.6	75.3	„	0.1					
10 „	.099	.612	74.0	64.0	10·0	57.8	.487	.59	75.0	75.2	„	0.0					
11 „	.094	.628	73.7	63.2	10.5	56.5	.466	.57	74.7	75.2	„	0.1					
Feb. 5th-Midnight	.080	.551	73.0	65.0	8.0	60.3	.529	.66	74.3	75.1	N b W	0.0					
1 a. m.	.053	.512	72.5	65.2	7.3	61.0	.541	.69	74.0	75.0	„	0.0					
2 „	.036	.495	72.5	65·2	7.3	61.0	.541	.69	73.7	74·9	„	0.0					
3 „	.025	.482	71.7	65.0	6.7	61.1	.543	.71	73.0	74·8	„	0.0					
4 „	.036	.497	70.7	64.5	6.2	60.9	.539	.72	72.1	74·6	N	0.3					
5 „	.048	.523	70.5	64.0	6.5	60.1	.525	.71	72.0	74.6	NE	0.2					
6 „	.060	.535	70.5	64.0	6.5	60.1	.525	.71	72.0	74.5	E	0.2					
7 „	.097	.584	71.6	64.0	7.6	59.4	.513	.67	72.2	74.5	„	0.2					
8 „	.124	.637	74.0	64.0	10.0	57.8	.487	.59	73.7	74.5	„	0.4					
9 „	.142	.667	76.5	64.5	12.0	57.1	.475	.53	75.0	74.6	NE b E	0.3					
10 „	.139	.632	78.5	66.2	12.3	59.0	.507	.52	76.2	74.7	„	0.2					
11 „	.119	.660	82.2	66.0	16.2	56.1	.459	.43	78.0	75.0	NE	0.1					
Noon.	.079	.642	87.0	67.0	20.0	54.6	.437	.35	81.0	75.3	W	0.1.					
1 p. m.	.041	.592	87.4	67.5	19.9	55.4	.449	.35	81.4	75.4	NW	0.2	None.				
2 „	.002	.538	87.5	68.0	19.5	56.4	.464	.37	81.5	75.5	NW b N	0.3					
3 „	29.980	.465	86.0	69.0	17.0	59.5	.515	.43	81.0	75.7	NW	0.5					
4 „	.978	.366	82.8	70.8	12.0	64.7	.612	.56	80.2	75·9	„	0.4					
5 „	.983	.386	80.7	69.7	11.0	64.0	.597	.59	79.6	76.0	N b W	0.7					
6 „	.994	.403	78.0	68.6	9.4	63.7	.591	.63	78.0	76.1	NNW	0.5		+	4		1.17
7 „	30.017	.400	76.8	69.0	7·8	65.0	.617	.68	77.4	76.3	„	0.5		+	12	10	0.46
8 „	.045	.419	76.0	69.0	7.0	65.4	.626	.71	77.0	76.3	„	0.6		+	20	16	0.21
9 „	.064	.431	75.4	69.0	6.4	65.7	.633	.73	76.6	76.3	„	0·6		+	10	8	0.44
10 „	.077	.435	74.5	69.0	5.5	66.2	.642	.77	75.4	76.1	N b W	0.4		+	8	6	1.00
11 „	.066	.429	73.5	68.5	5.0	65.9	.637	.78	75.0	76.0	„	0.2		+	4		1.30

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ≀≀ nimbi.	
5	B	≀ scattered about moving E.	
6	G	≀ scattered about moving ENE.	
6	G	Clouded as before; mist along the E hor.	
6	G	" " "	
6	G	" " "	
3	C	≀ scattered about moving NE; mist along the E hor.	
3	C	" " "	
0	C	Cloudless.	
0	C	"	
0	B	"	
0	B	"	
0	B	"	
0	B	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 77°9 and 81°0. Temperature of Air at 2 P. M. was 88°8 highest in the month and 8°0 higher than the Normal Mean.
0	G	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	" "	
0	C	A few ≀ in E hor.; mist around hor.	4th February was the 5th day on which sky was almost cloudless. On this day wind blew abnormally.
0	C	Mist and fog in hor.	
0	C	" "	
0	B	" "	
0	B	" "	
0	B	" "	
0	B	Cloudless.	
0	G	"	
0	G	"	
0	G	"	
0	G	"	
0	C	"	
0	C	"	
0	C	"	
0	C	"	
0	B	"	
0	B	"	
0	B	"	
0	B	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 78°0 and 81°0. The Height of Barometer at 9 A. M. was 30·142 in. greatest in the year and about 0·174 in. greater than the Normal Mean for that hour.
0	G	Cloudless and dew falling.	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	Cloudless.	
0	C	"	
0	C	Mist and fog in hor.	5th February was the 9th cloudless day from the beginning of the year.
0	C	" "	
0	B	" "	
0	B	" "	
0	B	" "	
0	B	" "	
0	G	Mist along the E hor.	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	" "	
0	C	" "	
0	C	Cloudless.	
0	C	"	
0	B	"	
0	B	"	
0	B	Cloudless and dew falling.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lb.	in.		Sc. div.	Sc. div.	m. s.
Feb. 6th-Midnight	30.055	29.485	73°2	66°0	6°2	62°6	0.570	0.73	74°3	76°0	N b W	0.0					
1 a. m.	.048	.476	72.0	66·0	6.0	62.7	.572	.74	74.0	75·9	,,	0.1					
2 ,,	.023	.463	71.7	65.5	6.2	62.0	.560	.73	73.6	75.8	,,	0.2					
3 ,,	.010	.471	70.7	64.5	6.2	60.9	.539	.72	72.2	75·6	N b E	0.1					
4 ,,	.007	.476	70.0	64.0	6.0	60.4	.531	.73	71.6	75.5	,,	0.1		+	10	8	0.39
5 ,,	.012	.481	70.0	64.0	6.0	60.4	.531	.73	71.4	75.5	,,	0.1		+	12	10	0.35
6 ,,	.036	.506	70.4	64.1	6.3	60.4	.530	.72	71.4	75.4	,,	0.1		+	10	8	0.45
7 ,,	.060	.555	71.8	63.8	8.0	58.9	.505	.66	72.4	75.4	NNE	0.2		+	4		4.16
8 ,,	.086	.593	74.9	64.5	10.4	58·2	.493	.58	74.0	75.4	NE b N	0 3					
9 ,,	.107	.558	77.0	67.0	10.0	61.4	.549	.60	75.0	75.4	NE b E	0.1					
10 ,,	.103	.535	78.8	68.2	10.6	62.4	.568	.59	76.2	75.5	,,	0.1	None.				
11 ,,	.084	.619	81.6	66.0	15.6	56.5	.465	.44	78.0	75.6	,,	0.1					
Noon.	.045	.589	85.8	67·2	18.6	55.9	.456	.38	80.0	75.8	,,	0.1					
1 p. m.	.009	.537	85.9	67.7	18.2	56·9	.472	.39	80.2	75.9	NW b W	0·2		+	6		1.11
2 ,,	29.980	.521	85.0	67.0	18.0	56.1	.459	.39	80.0	76.0	,,	0.3		+	4		2.32
3 ,,	.953	.378	83.6	70.0	13.6	62.8	.575	.51	80.6	76.2	,,	0.2		+	1		Above 10m.
4 ,,	.945	.328	83.0	71·0	12.0	65.0	.617	.56	80.5	76.3	NW	0.4					
5 ,,	.955	.331	81.1	70.6	10.5	65.3	.624	.60	79.5	76.5	NW b N	0.4					
6 ,,	.969	.388	77.4	68.1	9.3	63.1	.581	.63	78.0	76.6	NNW	0.3					
7 ,,	30·001	.408	76.0	68.0	8.0	63.8	.593	.67	77.0	76.6	NW	0.2					
8 ,,	.017	.411	75.1	68.1	7.0	64.4	.606	.71	76.6	76.5	NW b N	0·2		+	10		2.17
9 ,,	.040	.474	74.0	66.5	7.5	62.3	.566	.68	76.3	76.4	,,	0.1		+	20	20	0·6
10 ,,	.040	.526	71.5	64.0	7.5	59.4	.514	.67	75.0	76.3	,,	0.1		+	16	16	0.26
11 ,,	.036	.516	71.0	64.0	7.0	59.8	.520	.69	73.7	76.1	,,	0.0		+	4		Above 10m.
Feb. 8th-Midnight	.001	.492	72.0	64.0	8.0	59.2	.509	.66	73.3	75.6	N b W	0·1					
1 a. m.	29.973	.464	72.0	64.0	8.0	59.2	.509	.66	73.0	75.5	NE b N	0.2					
2 ,,	.965	.456	72.0	64.0	8.0	59.2	.509	.66	72.7	75·4	NE	0.1					
3 ,,	.957	.448	72.0	64.0	8·0	59.2	.509	.66	72.0	75.4	,,	0.2					
4 ,,	.960	.421	70.7	64.5	6.2	60.9	.539	.72	71.6	75.3	,,	0.0					
5 ,,	.963	.482	68.5	61.8	6.7	57.5	.481	.70	71.3	75.3	,,	0.1					
6 ,,	.975	.475	68.8	62.5	6.3	58.6	.500	.71	71.1	75.2	,,	0.1					
7 ,,	30.008	.570	69.1	62.6	6.5	58.5	.498	.71	71.2	75.2	ENE	0.2					
8 ,,	.031	.556	71.8	62.8	9.0	57.1	.475	.62	71.9	75.1	E b N	0.1					
9 ,,	.055	.652	74·3	61.3	13.0	52.2	.403	.48	73.0	75 1	,,	0 3					
10 ,,	.059	.624	76.0	63.0	13.0	54.5	.435	.49	74.0	75.2	,,	0.1	None.				
11 ,,	.044	.541	78.3	66.0	12.3	58·8	.503	.53	75.1	75·3	,,	0.1					
Noon.	.013	.620	81.1	63.5	17.6	51.5	.393	.37	77.5	75.5	,,	0.1					
1 p. m.	29.980	.582	87.2	64.2	23.0	51.9	.346	.20	79·4	75.6	NE b E	0.2		+	8		3.16
2 ,,	.947	.487	88.0	68.0	20.0	56.2	.460	.36	80.9	75.6	NW	0.3		+	6		2·21
3 ,,	.921	.347	86.9	71.0	15.9	62.8	.574	.46	81.2	75.7	NW b W	0.2		+	10	8	1.54
4 ,,	.910	.262	85.2	72.5	12.7	66.5	.648	.55	81.0	75.9	,,	0.3		+	14	12	0.30
5 ,,	.916	.327	82·6	70·1	12.5	63.5	.589	.55	80.2	76.1	,,	0.2		+	4		5.49
6 ,,	.921	.294	79.0	70.0	9.0	65.4	.627	.65	78.7	76.2	NW	0.1					
7 ,,	.943	.340	76.6	68·5	8.1	64.3	.603	.67	77.6	76.3	NNW	0.1		+	8		2.19
8 ,,	.957	.420	75.2	66.0	9.2	60.8	.537	.62	76.8	76.2	,,	0.1		+	6		4.10
9 ,,	.987	.411	74.5	67.0	7.5	62.9	.576	.69	75.6	76.0	N	0.1		+	10	8	1.10
10 ,,	.988	.406	74.0	67·0	7.0	63.2	.582	.70	75.1	76.0	N b E	0.0		+	2		3.14
11 ,,	.984	.353	74.0	68.5	5.5	65.6	.631	.76	75.0	76.0	,,	0.0		+	2		Above 10m.
Feb. 9th-Midnight	.977	.383	73.5	67.2	6.3	63.8	.594	.73	75.0	76.0	N b E	0.0					
1 a. m.	.941	.345	72.7	67.0	5.7	63.9	.596	.75	74·1	75.9	NNE	0.2					
2 ,,	.929	.359	72.2	66·0	6.2	62.6	.570	.73	73.0	75.7	,,	0.3					
3 ,,	.924	.352	72.0	66.0	6.0	62.7	.572	.74	72.6	75.6	ENE	0.4					
4 ,,	.922	.379	71.7	65.0	6.7	61.1	.543	.71	72.2	75.5	,,	0.3					
5 ,,	.939	.420	71.1	64.0	7.1	59.7	.519	.69	72.0	75.5	,,	0.1	None.			None.	
6 ,,	.948	.418	68.8	63.5	5.3	60.4	.530	.76	71.8	75.5	,,	0.1					
7 ,,	.976	.446	68.8	63.5	5.3	60·4	.530	.76	71.2	75.3	,,	0.1		+	10		0.42
8 ,,	30.006	.466	72.0	65.0	7.0	60.9	.540	.70	72.4	75.2	,,	0.2		+	2		4.18
9 ,,	·034	.518	74 2	65.0	9.2	59.6	.516	.62	73.5	75.3	,,	0.2					
10 ,,	.029	.507	76·5	66.0	10.5	59.9	.522	.59	75.0	75.4	,,	0.4					
11 ,,	.006	.459	78.4	67.4	11.0	61.3	.547	.57	76.1	75.5	,,	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌒i cirri; ⌒⌒i cirro-cumuli; ⌒i cumuli; ⌣i cirro-strati; ⌒⌣i cumulo-strati; and ⌒⌣i nimbi.	
0	B	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 78°2 and 81°1.
0	G	,,	
0	G	,,	
0	G	Cloudless and dew falling.	6th February was the 10th day on which sky was entirely cloudless.
0	G	,, ,, ,,	
0	C	Cloudless.	
0	C	,,	
0	C	Mist around hor.	
0	C	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	B	Cloudless.	
0	G	Mist along the E hor.	
0	G	,, ,,	
0	G	,, ,,	
0	G	,, ,,	
0	C	,, ,,	
0	C	,, ,,	
0	C	Cloudless.	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	B	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 78°5 and 81°0.
0	G	,,	
0	G	Cloudless and dew falling.	
0	G	Cloudless.	8th February was the 11th cloudless day from the commencement of the year.
0	G	,,	
0	C	,,	
0	C	Mist and fog in hor.	
0	C	,, ,,	
0	C	,, ,,	
0	B	Mist around hor.	
0	B	,, ,,	
0	B	,, ,,	
0	B	Cloudless.	
0	G	,,	
0	G	,,	
0	G	Mist along the E hor.	
0	G	,, ,,	
0	C	,, ,,	
0	C	,, ,,	
0	C	Cloudless.	
0	C	,,	
0	B	,,	
0	B	,,	
0	B	,,	
0	B	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 78°8 and 80°9.
0	G	,,	
0	G	,,	
0	G	,,	
0	G	,,	
0	C	,,	
0	C	A few ⌒i in E hor.	
1	C	⌒i scattered along the E hor.; mist around hor.	
2	C	⌒i scattered about hor.; mist around hor.	
3	B	⌒i scattered about hor. from NE to SW; mist around hor.	
4	B	⌒i scattered about moving ENE; mist in hor.	
5	B	⌒i scattered about moving ENE.	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 9th-Noon.	29.974	29.502	81°0	66°0	15°0	56°9	.472	0.46	77°8	75°7	E b N	0.1					
1 p. m.	.948	.465	85.4	67.8	17.6	57.6	.483	.41	80.0	75.7	ENE	0.2					
2 ,,	.918	.454	88.2	68.2	20.0	56.4	.464	.36	81.5	75.9	W b S	0 3					
3 ,,	.897	.366	87.6	70.0	17.6	60.4	.531	.42	81.8	76.1	WNW	0.2					
4 ,,	.903	.319	86.0	71.0	15.0	63.3	.584	.48	81.5	76.3	W b N	0.1					
5 ,,	.913	.301	84.5	71.3	13.2	64.7	.612	.53	81.0	76.4	,,	0.3					
6 ,,	.918	.252	79.7	71.3	8.4	67.3	.666	.67	80.0	76.5	WNW	0.1	None.	+	12		1.45
7 ,,	.940	.256	78 0	71.3	6.7	68.1	.684	.73	79.0	76.7	,,	0.1		++	2		Above 10m.
8 ,,	.968	.321	76.0	69.6	6.4	66.4	.647	.73	77.8	76.7	N b W	0 2		++	20	20	0.6
9 ,,	.995	.361	75·3	69.0	6.3	65.8	.634	.73	77.0	76.7	,,	0.1		++	16	14	0 20
10 ,,	.991	.337	75.0	69.5	5.5	66.7	.654	.77	76.2	76.6	N b E	0.0		+	2		2.18
11 ,,	.987	.339	74.0	69.0	5.0	66.5	.648	.78	75.5	76.5	,,	0.0					
Feb. 10th-Midnight	.972	.382	73·3	67.0	6.3	63.6	.590	.73	75.0	76.5	N b E	0.0					
1 a. m.	.961	.371	73.3	67.0	6.3	63 6	.590	.73	74.6	76.3	,,	0.0					
2 ,,	.940	.347	73.0	67.0	6.0	63.8	.593	.72	74.0	76.2	ENE	0.5					
3 ,,	.931	.326	72 5	67.2	5.3	64.4	.605	.77	73.5	76.0	,,	0.4					
4 ,,	.933	.390	71.7	65.0	6.7	61.1	.543	.71	73.0	75.9	,,	0.0					
5 ,,	.940	.388	69·5	64.5	5.0	61.6	.552	.77	72.8	75.9	,,	0.0					
6 ,,	.957	.395	70.0	65.0	5.0	62.1	.562	.77	72.7	75.8	,,	0.1					
7 ,,	.977	.406	70.7	65.5	5·2	62.6	.571	.77	72.0	75.7	,,	0.1					
8 ,,	30.009	.439	72.2	66.0	6.2	62.6	.570	.73	73.0	75.8	,,	0.1					
9 ,,	·025	.538	74.0	64.0	10.0	57.8	.487	.59	73.6	75·8	,,	0.4	None.			None.	
10 ,,	.020	.503	75.6	65.5	10.1	59.6	.517	.59	74.5	75.8	,,	0·2					
11 ,,	.003	.464	77.9	67·0	10.9	60.9	.539	.58	76.0	76.0	,,	0.1					
Noon.	29.971	.455	80.0	67.0	13·0	59·6	.516	.51	77.1	76.1	,,	0.1					
1 p. m.	.936	.428	82.7	67.7	15.0	59·1	.508	·47	79.2	76.2	W b N	0.1					
2 ,,	.893	.381	82.9	68.0	14.9	59.6	.517	.47	79.5	76.2	W	0.2					
3 ,,	.881	.303	83.4	70.0	13.4	63.0	·578	.52	79.8	76 3	WNW	0.3					
4 ,,	.881	.253	82.0	71.0	11.0	65 5	·628	·59	79.0	76.4	NW	0 2					
5 ,,	.894	.244	80.1	71.0	9.1	66.6	·650	.65	78.8	76.6	NW b W	0.3					
6 ,,	.907	.230	77.6	71.0	6.6	67.8	·677	.73	78·0	76·7	,,	0.2		+	2		3.32
7 ,,	.929	.255	76.0	70.4	5.6	67.7	·674	.77	77 3	76.8	,,	0.0					
8 ,,	.948	.355	73.0	67.0	6.0	63 8	·593	.74	75 8	76.7	,,	0.0					
9 ,,	.972	.352	73 5	68.0	5.5	65.1	·620	.76	75.0	76.7	,,	0.0					
10 ,,	.974	.347	73·5	68.2	5·3	65.4	·627	.77	75.0	76.6	N b E	0.1					
11 ,,	.962	.327	73.4	68.4	5.0	65.8	·635	.78	75.0	76.5	NE	0.2					
Feb. 11th-Midnight	.950	.324	73.0	68.0	5.0	65.4	.626	.78	74.6	76.4	NE b E	0.0					
1 a. m.	.920	.296	71.7	67.5	4·2	65.3	.624	.81	74.1	76.3	,,	0.0					
2 ,,	.903	.294	71.5	67.0	4.5	64.6	.609	.80	73.5	76.2	,,	0.3					
3 ,,	.900	.281	71.2	67.2	4.0	65.1	.619	.82	73.0	76.0	,,	0.3					
4 ,,	.907	.292	71.0	67.0	4·0	64.9	·615	.82	72.7	75.9	,,	0.2					
5 ,,	.921	.347	70.0	65.4	4 6	62.8	·574	.79	72.4	75.9	,,	0.1					
6 ,,	.941	.394	68.5	64.0	4.5	61.3	·547	.79	71·8	75.8	,,	0.1					
7 ,,	·963	.371	70 2	66.0	4.2	63.7	.592	.81	72.0	75.7	,,	0.1					
8 ,,	.981	.397	72.0	66.4	5.6	63.3	·584	.75	73.0	75.9	,,	0.2					
9 ,,	30.015	.528	74.8	64.3	10.5	57.8	·487	.58	74.2	75.9	E b S	0.3					
10 ,,	.022	.476	77.3	67.0	10.3	61.3	·546	.59	75.5	75.9	,,	0.2	None.			None.	
11 ,,	·000	.438	80.3	68.5	11.8	62.1	.562	.56	77.5	76.0	,,	0.2					
Noon.	29.975	.331	82.6	71.6	11.0	66.3	.644	.59	79.0	76.2	,,	0.1					
1 p. m.	.933	.301	85.0	72.0	13.0	65.7	.632	.54	80.0	76.3	SW	0.3					
2 ,,	.900	.229	85.4	73.2	12.2	67.5	.671	.56	80.5	76.4	WSW	0.4					
3 ,,	.892	.199	86.2	74.0	12.2	68.5	.693	.57	81.2	76.6	,,	0.4					
4 ,,	.896	.163	86.0	75.0	11.0	70.2	.733	.61	81.0	76 8	W	0.2					
5 ,,	.907	.183	83.6	74.0	9.6	69.9	.724	.65	81.0	77.0	W b N	0.2					
6 ,,	.919	.153	79 5	74.0	5.5	71.6	.766	.78	79.0	77.2	NW	0.1		+	4		3.21
7 ,,	.949	.194	77.2	73.0	4.2	71.2	.755	.82	78.2	77.3	NW b N	0.1					
8 ,,	.959	.215	75.8	72.3	3·5	70·7	.744	.85	77.5	77 3	NNW	0.1		+	2		2.29
9 ,,	.975	.291	73.8	70.0	3.8	68.1	.684	.83	77.5	77.1	,,	0.1		++	4		1.20
10 ,,	.983	.312	73.5	69·5	4.0	67.5	.671	.83	77.1	77.0	,,	0.0		+	2		4.00
11 ,,	.976	.317	73.0	69.0	4.0	67.0	.659	.82	75.0	76.9	,,	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒ cirro-strati; ⌒ cumulo-strati; and ≀⌒ nimbi.	Remarks.
7	B	≀ scattered about moving ENE.	
6	G	≀ scattered about moving NE.	
6	G	≀ scattered about moving E.	
6	G	" " "	
6	G	≀ scattered about moving NE.	
5	C	≀ scattered about moving ENE.	
6	C	" " "	
4	C	" " "	
3	C	" " "	
6	B	≀ and fleecy clouds scattered about, moving SE.	
4	B	" " "	
4	B	" " "	
3	B	≀ and fleecy clouds scattered about hor.	Mean daily temperature of ground 20 and 60 inches below its surface 78°9 and 81°0.
3	G	" " "	
3	G	" " "	
3	G	" " "	
3	G	" " "	
5	C	≀ and fleecy clouds scattered about.	
5	C	" " "	
8	C	Overcast with ≀ and fleecy clouds, both moving ESE; mist and fog in hor.	
8	C	" " " " "	
8	B	Overcast with ≀ moving E; mist in W hor.	
8	B	" " "	
8	B	" " "	
8	B	" " "	
7	G	Densely clouded with ≀ moving E; mist along the E hor.	
7	G	" " " "	
8	G	≀ scattered throughout moving NE; mist along the E hor.	
8	G	" " "	
8	C	" " "	
7	C	" " "	
4	C	≀ scattered about moving NE.	
0	C	Cloudless except in hor.	
0	B	Light ≀ scattered here and there.	
0	B	" " "	
0	B	" " "	
0	B	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 79°0 and 81°0. Temperature of Evaporation at 4 P. M. was 75°0 greatest in the month and 4°5 greater than the Normal Mean. At 6 P. M. the temperature of Dew-point was greatest and 5°7 greater than Normal Mean.
0	G	Cloudless and dew falling.	
0	G	Cloudless.	
0	G	"	
0	G	"	
0	C	"	
1	C	≀ scattered about the sky.	
0	C	A few ≀ around hor.; mist and fog in hor.	
0	C	" " "	
0	B	A few ≀ above SE hor.; mist in hor.	
0	B	" " "	
0	B	Mist in hor.	
0	B	Cloudless.	
0	G	"	
0	G	"	
0	G	"	
0	G	"	
0	C	A few ≀ in SE hor.	
0	C	" "	
0	C	Cloudless.	
0	C	"	
0	B	Cloudless and dew falling.	
0	B	" "	
0	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in reckoning the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 12th-Midnight	29.957	29.290	72°3	69°0	3°3	67°3	0.667	0.85	74°5	76°8	N b E	0.0					
1 a. m.	.946	.279	72.3	69.0	3.3	67.3	.667	.85	74.0	76.6	„	0.4					
2 „	.938	.268	72.0	69.0	3.0	67.5	.670	.87	73.8	76.5	„	0.5					
3 „	.921	.320	71.7	66.8	4.9	64.2	.601	.78	73.2	76.4	NE	0.6					
4 „	.933	.372	71.6	65.5	6.1	62.1	.561	.73	73.0	76.2	„	0.5					
5 „	.953	.363	70.4	66.0	4.4	63.6	.590	.80	73.0	76.1	„	0.1					
6 „	.975	.382	70.1	66.0	4.1	63.8	.593	.81	73.0	76.1	„	0.1					
7 „	30.001	.407	70.3	66.1	4.2	63.8	.594	.81	73.3	76.0	NE b E	0.1					
8 „	.016	.444	72.3	66.1	6.2	62.7	.572	.73	73.4	76.1	ENE	0.1					
9 „	.046	.498	74.2	66.0	8.2	61.4	.548	.66	74.0	76.1	„	0.1					
10 „	.048	.481	76.6	67.4	9.2	62.4	.567	.63	75.0	76.1	„	0.1					
11 „	.021	.515	78.0	66.0	12.0	59.0	.506	.54	75.6	76.2	„	0.1					
Noon.	29.983	.423	82.0	69.0	13.0	62.0	.560	.52	77.6	76.4	„	0.2					
1 p. m.	.953	.438	83.0	68.0	15.0	59.5	.515	.47	78.7	76.5	WNW	0.4					
2 „	.937	.414	83.5	68.4	15.1	60.0	.523	.47	79.2	76.6	„	0.3					
3 „	.919	.379	83.8	69.0	14.8	60.9	.540	.48	79.7	76.7	NW b W	0.4					
4 „	.909	.326	82.9	70.0	12.9	63.2	.583	.53	79.0	76.8	„	0.5					
5 „	.924	.302	81.0	70.5	10.5	65.2	.622	.60	78.5	77.0	NNW	0.4					
6 „	.941	.268	78.0	71.0	7.0	67.6	.673	.72	78.0	77.1	„	0.4					
7 „	.962	.292	76.4	70.4	6.0	67.5	.670	.75	77.4	77.2	NW b N	0.3					
8 „	.985	.315	75.4	70.1	5.3	67.5	.670	.77	77.0	77.1	NNW	0.2					
9 „	30.007	.345	74.3	69.5	4.8	67.1	.662	.79	75.6	77.0	N b W	0.1					
10 „	.004	.365	73.3	69.5	4.8	66.0	.639	.79	75.0	77.0	„	0.2		+	2		2.28
11 „	29.993	.359	72.3	68.0	4.3	65.8	.634	.81	74.5	76.9	„	0.0		+	1		Above 10m.
Feb. 13th-Midnight	.980	.313	72.3	69.0	3.3	67.2	.667	.85	74.1	76.7	N b E	0.0					
1 a. m.	.963	.339	71.7	67.5	4.2	65.3	.624	.81	74.0	76.6	„	0.0		+	8		2.26
2 „	.949	.330	71.2	67.2	4.0	65.1	.619	.82	73.5	76.4	„	0.0		+	10		1.11
3 „	.942	.371	70.7	65.5	5.2	62.6	.571	.77	73.1	76.3	„	0.0		+	20		0.52
4 „	.943	.349	70.3	66.1	4.2	63.8	.594	.00	72.7	76.2	„	0.2		+	18		1.07
5 „	.961	.396	69.7	65.0	4.7	62.3	.565	.79	72.5	76.2	„	0.1		+	2		Above 10m.
6 „	.979	.467	69.0	63.0	6.0	59.3	.512	.73	72.0	76.1	„	0.1					
7 „	.997	.445	71.2	65.1	6.1	61.6	.552	.73	72.5	76.0	NNE	0.1					
8 „	30.013	.424	73.4	67.0	6.4	63.5	.589	.72	73.6	76.0	ENE	0.1					
9 „	.035	.449	75.1	67.5	7.6	63.4	.586	.68	74.0	76.0	„	0.2					
10 „	.036	.454	77.0	68.0	9.0	63.2	.582	.64	74.9	76.0	„	0.2					
11 „	.004	.459	80.4	68.0	12.4	61.2	.545	.53	76.3	76.1	„	0.1					
Noon.	29.984	.435	81.5	68.5	13.0	61.4	.549	.52	77.8	76.3	NW	0.3					
1 p. m.	.955	.362	82.0	70.0	12.0	63.8	.593	.56	78.0	76.4	„	0.7					
2 „	.929	.314	83.2	71.0	12.2	64.9	.615	.56	79.5	76.6	NW b N	0.5					
3 „	.917	.288	83.6	71.5	12.1	65.5	.629	.56	80.0	76.8	NNW	0.7					
4 „	.912	.258	83.0	72.0	11.0	66.7	.654	.59	79.9	77.0	NW b N	0.6					
5 „	.909	.231	81.2	72.1	9.1	67.8	.678	.65	79.0	77.0	„	0.3					
6 „	.914	.267	78.5	70.4	8.1	66.4	.647	.68	78.1	77.1	„	0.4					
7 „	.925	.274	76.8	70.0	6.8	66.6	.651	.72	77.4	77.1	„	0.4					
8 „	.942	.284	76.2	70.0	6.2	66.9	.658	.74	77.0	77.0	„	0.3					
9 „	.957	.320	75.0	69.0	6.0	65.9	.637	.75	76.2	77.0	„	0.2					
10 „	.952	.313	73.3	68.5	4.8	66.0	.639	.79	75.4	77.0	„	0.0					
11 „	.940	.273	72.3	69.0	3.3	67.3	.667	.85	75.0	76.9	NW	0.0					
Feb. 15th-Midnight	.878	.208	72.0	69.0	3.0	67.5	.670	.87	74.0	76.6	NW	0.0					
1 a. m.	.857	.209	71.6	68.2	3.4	66.5	.648	.85	73.5	76.5	„	0.0					
2 „	.843	.193	71.3	68.0	3.3	66.3	.645	.85	73.0	76.4	„	0.0					
3 „	.829	.184	71.3	68.0	3.3	66.3	.645	.85	73.0	76.4	„	0.0					
4 „	.833	.185	71.0	68.0	3.0	66.5	.648	.86	72.8	76.3	NE	0.3					
5 „	.834	.147	72.0	69.5	2.5	68.2	.687	.89	72.8	76.3	„	0.2					
6 „	.845	.158	72.0	69.5	2.5	68.2	.687	.89	72.7	76.3	E	0.2					
7 „	.875	.206	72.0	69.0	3.0	67.5	.670	.87	73.1	76.2	„	0.1					
8 „	.902	.198	72.0	70.0	2.0	69.0	.704	.91	73.3	76.2	„	0.1					
9 „	.935	.214	73.6	71.0	2.6	69.7	.721	.89	74.0	76.3	ENE	0.2					
10 „	.937	.238	75.6	71.0	4.6	68.0	.699	.80	75.1	76.4	„	0.2					
11 „	.920	.200	77.0	72.0	5.0	69.7	.720	.79	76.0	76.5	„	0.1					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌐i cirri; ∽i cirro-cumuli; ∩i cumuli; ⌣i cirro-strati; ∩⌣i cumulo-strati; and ∽⌣i nimbi.	
0	B	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 79°2 and 81°3.
0	G	" " "	
0	G	" " "	
0	G	" " "	
0	G	" " "	
0	C	Cloudless.	
0	C	"	
0	C	Mist and fog around hor.	
0	C	" "	
0	B	" "	
0	B	Mist in hor.	
0	B	" "	
0	B	A few ⌐i above N hor.; mist in hor.	
1	G	⌐i scattered along the E hor.; mist in hor.	
1	G	⌐i scattered along the E hor.; mist in hor.	
0	G	A few ⌐i around hor.; mist along the E hor.	
0	G	" " "	
0	C	Mist along the E hor.	
0	C	" "	
0	C	Cloudless.	
0	C	"	
0	B	"	
0	B	"	
0	B	Cloudless and dew falling.	
0	B	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 79°4 and 81°2.
0	G	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	" "	
0	C	A few ⌐i along E hor.	
0	C	Mist and fog in hor.	
0	C	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	Mist along the E hor.	
0	B	Cloudless.	
0	B	"	
0	B	Mist along the E hor.	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	Cloudless.	
0	G	"	
0	G	"	
0	G	Cloudless and dew falling.	
0	G	" "	
0	B	Cloudless and dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 81°3.
0	G	" "	
0	G	" "	
0	G	A few ⌐i along the E hor.; dew falling.	
1	G	⌐i scattered around hor.; dew falling.	
1	C	" " "	
2	[illegible]	" " "	
6	C	⌐i scattered about moving E; mist and fog in hor	
8	C	Overcast with ⌐i moving ESE; mist around hor.	
8	B	Overcast with ⌐i moving S.	
4	B	∽i scattered about moving S.	
2	B	∽i scattered about moving SE.	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or —	Readings of Straws of Volts 1.	Readings of Straws of Volts 2.	Interval of Time in seconds for the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 15th-Noon.	29.884	29.188	79°2	72°0	7°2	68°6	0.696	0.71	77°2	76°6	NW b W	0.2					
1 p. m.	.847	.156	80.0	72.1	7.9	68.4	.691	.69	77.5	76.7	NNW	0.4					
2 „	.824	.109	80.8	73.0	7.8	69.5	.715	.70	77.8	76.7	NW	0.7					
3 „	.796	.056	80.6	73.6	7.0	70.5	.740	.73	77.5	76.7	„	0.6					
4 „	.792	.031	80.0	74.0	6.0	71.4	.761	.76	77.5	76.8	„	0.6	None.	None.	None.	None.	None.
5 „	.803	.141	79.0	71.0	8.0	67.1	.662	.68	77.4	76.9	„	0.4					
6 „	.815	.157	76.2	70.0	6.2	66.9	.658	.74	77.0	77.0	„	0.3					
7 „	.823	.199	75.2	68.7	6.5	65.3	.624	.73	76.2	77.1	NW b N	0.3					
8 „	.844	.214	74.7	68.7	6.0	65.6	.630	.75	76.0	77.1	„	0.2					
9 „	.850	.205	73.7	68.8	4.9	66.3	.645	.79	75.0	76.6	„	0.0					
10 „	.845	.206	71.8	68.0	3.8	66.0	.639	.83	73.6	76.5	NNW	0.0					
11 „	.842	.201	71.6	68.0	3.6	66.1	.641	.84	73.4	76.4	N b E	0.0					
Feb. 16th-Midnight	.846	.207	71.8	68.0	3.8	66.0	.639	.83	73.5	76.4	N	0.1					
1 a. m.	.839	.191	71.6	68.2	3.4	66.5	.648	.85	73.3	76.3	„	0.2					
2 „	.833	.214	71.2	67.2	4.0	65.1	.619	.82	73.0	76.2	N b E	0.1					
3 „	.818	.201	70.8	67.0	3.8	65.0	.617	.83	72.8	76.1	N	0.0					
4 „	.802	.185	70.8	67.0	3.8	65.0	.617	.83	72.8	76.0	„	0.5					
5 „	.809	.148	71.0	68.4	2.6	67.1	.661	.88	72.7	76.0	„	0.6					
6 „	.827	.150	71.4	69.0	2.4	67.8	.677	.89	72.7	75.9	„	0.2					
7 „	.861	.181	71.7	69.2	2.5	67.9	.680	.89	73.1	75.9	„	0.2					
8 „	.888	.191	73.3	70.2	3.1	68.7	.697	.86	73.7	75.4	„	0.2					
9 „	.910	.222	75.0	70.5	4.5	68.3	.688	.81	75.0	76.2	N b E	0.2					
10 „	.928	.232	75.9	71.0	4.9	68.5	.696	.79	75.5	76.2	„	0.1					
11 „	.916	.230	79.4	71.8	7.6	68.2	.686	.70	77.0	76.3	„	0.3					
Noon.	.880	.229	80.0	71.0	9.0	66.6	.650	.68	77.7	76.4	N	0.2	None.	None.	None.	None.	None.
1 p. m.	.845	.185	80.5	71.4	9.1	67.0	.660	.65	77.9	76.5	NW	0.4					
2 „	.826	.154	81.4	72.0	9.4	67.6	.670	.64	78.0	76.6	„	0.5					
3 „	.800	.133	81.8	73.0	9.8	67.3	.667	.61	78.2	76.6	„	0.4					
4 „	.806	.130	81.0	72.0	9.0	67.8	.676	.64	78.0	76.7	„	0.5					
5 „	.815	.149	78.6	71.0	7.6	67.3	.666	.70	77.7	76.9	WNW	0.3					
6 „	.822	.168	76.5	70.0	6.5	66.7	.654	.73	77.0	77.0	NW b W	0.5					
7 „	.842	.180	75.8	70.0	5.8	67.1	.662	.76	76.4	77.1	NW	0.5					
8 „	.854	.185	75.8	70.2	5.6	67.4	.649	.77	75.2	77.0	NW b W	0.4					
9 „	.868	.199	75.2	70.0	5.2	67.4	.669	.78	76.0	76.8	NW	0.2					
10 „	.874	.210	75.0	69.8	5.2	67.2	.664	.78	75.5	76.6	„	0.2					
11 „	.875	.240	74.6	68.8	5.8	65.8	.635	.75	75.2	76.5	NW b W	0.2					
Feb. 17th-Midnight	.872	.253	74.2	68.2	6.0	65.1	.619	.74	75.0	76.4	NW	0.2					
1 a. m.	.857	.244	74.0	68.0	6.0	64.9	.615	.74	75.0	76.4	„	0.4					
2 „	.848	.221	73.5	68.2	5.3	65.4	.627	.77	74.5	76.4	NW b W	0.6					
3 „	.841	.202	73.3	68.5	4.8	66.0	.639	.79	74.0	76.3	„	0.7					
4 „	.831	.205	73.0	68.0	5.0	65.4	.626	.78	73.7	76.3	NW b N	1.0					
5 „	.846	.246	72.4	67.0	5.4	64.1	.600	.76	73.7	76.3	NNW	0.5					
6 „	.860	.288	72.3	66.1	6.2	62.7	.572	.73	73.6	76.3	„	0.4					
7 „	.883	.320	72.8	66.0	6.8	62.2	.563	.71	74.0	76.3	„	0.3					
8 „	.911	.359	74.9	66.4	8.5	61.6	.552	.65	74.8	76.4	„	0.3					
9 „	.941	.392	77.0	67.0	10.0	61.4	.549	.60	75.3	76.4	„	0.3					
10 „	.939	.417	78.0	66.5	11.5	59.9	.522	.56	76.2	76.4	„	0.2					
11 „	.913	.418	79.0	66.0	13.0	58.3	.495	.51	77.0	76.5	N b W	0.1					
Noon.	.876	.361	80.1	67.0	13.1	59.5	.515	.51	77.3	76.5	N	0.1	None.			None.	
1 p. m.	.848	.323	80.4	67.4	13.0	60.1	.525	.51	77.5	76.6	NW b N	0.4					
2 „	.823	.285	81.0	68.0	13.0	60.8	.538	.52	78.4	76.6	NW	0.6					
3 „	.806	.261	80.9	68.2	12.7	61.2	.545	.53	78.0	76.7	NW b N	0.5					
4 „	.808	.259	80.0	68.0	12.0	61.4	.549	.55	77.7	76.7	„	0.7					
5 „	.812	.261	78.0	67.4	10.6	61.5	.551	.59	77.0	76.9	„	0.3					
6 „	.827	.268	74.7	66.5	8.2	62.0	.559	.66	76.3	77.0	„	0.4					
7 „	.847	.286	73.0	66.0	7.0	62.1	.561	.70	75.0	77.0	WNW	0.5		+	4		2.10
8 „	.869	.323	72.3	65.3	7.0	61.3	.546	.70	74.4	76.9	WNW	0.2		+	2		Above 10m.
9 „	.873	.322	71.0	65.0	6.0	61.5	.551	.73	73.0	76.6	„	0.1		+	4		2.15
10 „	.875	.349	71.0	64.2	6.8	60.1	.526	.71	72.8	76.5	NW b N	0.2		+	1		Above 10m.
11 „	.864	.338	71.0	64.2	6.8	60.1	.526	.71	72.4	76.4	NW	0.3		+	1		Above 10m.

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩⌣ cumulo-strati; and ≀⌣ nimbi.	
2	C	≀≀ scattered about moving SE.	
0	G	≀≀ scattered along the E hor.	
0	G	A few ≀≀ in NE hor.	
0	G	" "	
0	G	" "	
0	C	A few ≀≀ in W hor.	
0	C	" "	
0	C	Cloudless.	
0	C	"	
0	N	"	
0	N	"	
0	N	Cloudless and dew falling.	
0	N	A few ≀ in N above hor.; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 81°4.
1	G	≀ scattered here and there; dew falling.	
1	G	" " "	
1	G	" " "	
1	G	" " "	
2	C	" " "	
2	C	" " "	
5	C	≀ and ≀≀ scattered about moving NE; mist and fog in hor.	
6	C	A few ≀ and ≀≀ like clouds scattered about, the latter moving E; mist and fog in hor.	
5	N	≀⌣ scattered about moving E.	
5	N	" "	
3	N	" "	
1	N	≀⌣ scattered about moving E.	
1	G	≀⌣ scattered from N to SE hor. moving NE.	
2	G	≀⌣ scattered about moving NE.	
2	G	" "	
6	G	≀⌣ scattered about moving E.	
7	C	Densely clouded with ≀⌣ moving E.	
7	C	" " "	
6	C	≀⌣ and ≀ scattered about moving ESE.	
8	C	≀ about zenith; ≀⌣ scattered about moving ESE.	
2	N	≀ around hor.; ≀≀ scattered about moving SE.	
6	N	≀≀ scattered about moving SE	
6	N	" "	
3	N	≀≀ scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 80°2 and 81°4.
6	G	" "	
6	G	" "	
6	G	" "	
5	G	≀≀ and ≀ scattered about, the former moving E.	
3	C	≀≀ scattered about moving E.	
2	C	≀≀ scattered about hor.; a few ≀ above E hor.	
2	C	A few ≀ above E hor.; ≀≀ scattered about hor.; mist and fog in hor.	
3	C	A few ≀ above E hor.; ≀≀ scattered about hor.; fog along the E hor.	
2	N	≀≀ scattered about moving SE.	
2	N	" " "	
1	N	≀≀ scattered around hor.	
1	N	" "	
0	G	A few clouds in hor.	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	A few ≀ in SW hor.	
0	C	A few ≀ in W and NE hor.	
0	C	Cloudless.	
0	C	"	
0	N	"	
0	N	"	
0	N	"	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 18th-Midnight	29.347	29.311	70°7	64°4	6°3	60°7	0.536	0.72	72°2	76°2	NW b W	0.1		+	1		Above 10m.
1 a. m.	.828	.298	70.4	64.1	6.3	60.4	.530	.72	72.2	76.1	NW	0.2		+	4		4.26
2 „	.816	.285	70.0	64.0	6.0	60.4	.531	.73	72.1	76.0	„	0.4		+	1		Above 10m.
3 „	.806	.275	70.0	64.0	6.0	60.4	.531	.73	72.0	75.9	NW b N	0.3		+	14		1.10
4 „	.809	.257	69.5	64.5	5.0	61.6	.552	.77	71.1	75.7	NNW	0.3		+	12		1.00
5 „	.819	.264	69.2	64.5	4.7	61.8	.555	.78	71.0	75.7	N b E	0.2		+	2		Above 10m.
6 „	.834	.279	69.2	64.5	4.7	61.8	.555	.78	70.9	75.6	NE b N	0.2		+	1		Above 10m.
7 „	.856	.316	69.2	64.0	5.2	60.9	.540	.76	70.9	75.6	NE	0.5		+	4		2.10
8 „	.880	.303	71.5	66.0	5.5	62.9	.577	.76	72.0	75.6	„	0.6		+	2		4.15
9 „	.898	.313	73.4	66.9	6.5	63.3	.585	.72	73.0	75.4	E b S	0.3	None.			None.	
10 „	.900	.332	74.7	66.8	7.9	62.5	.568	.67	74.0	75.5	„	0.1					
11 „	.896	.333	76.3	67.2	9.1	62.2	.563	.63	74.8	75.6	„	0.1					
Noon.	.869	.298	78.0	68.0	10.0	62.6	.571	.61	75.5	75.6	NW	0.1					
1 p. m.	.841	.254	77.8	68.4	9.4	63.4	.587	.63	75.1	75.6	NW b W	0.5					
2 „	.808	.161	78.5	70.4	8.1	66.4	.647	.68	75.2	75.7	WNW	0.3					
3 „	.786	.159	79.0	70.0	9.0	65.4	.627	.65	75.5	75.8	NW	0.4					
4 „	.784	.245	77.9	67.0	10.9	60.9	.539	.58	75.2	75.9	NW b N	0.6					
5 „	.794	.344	76.0	63.5	12.5	55.5	.450	.51	75.0	76.1	NW	0.4					
6 „	.809	.371	73.0	62.0	11.0	54.7	.438	.55	73.8	76.2	NW b N	0.3					
7 „	.828	.377	72.1	62.1	10.0	55.5	.451	.58	73.4	76.1	„	0.3		+	2		2.9
8 „	.844	.363	71.8	63.0	8.8	57.5	.481	.63	73.3	75.9	NW	0.2		+	2		3.22
9 „	.849	.344	71.5	63.7	7.8	58.9	.505	.67	72.2	75.6	NW b W	0.3		+	1		Above 10m.
10 „	.847	.305	71.8	65.0	6.8	61.0	.542	.71	72.5	75.5	„	0.2		+	1		Above 10m.
11 „	.841	.301	72.0	65.0	7.0	60.9	.540	.70	72.8	75.4	NW	0.1		+	2		Above 10m.
Feb. 19th-Midnight	.837	.291	72.0	65.2	6.8	61.3	.546	.71	72.8	75.3	NNW	0.2		+	2		2.16
1 a. m.	.825	.282	71.7	65.0	6.7	61.1	.543	.71	72.6	75.3	N	0.3		+	4		3.26
2 „	.810	.271	70.7	64.5	5.2	60.9	.539	.72	72.0	75.2	N b E	0.4		+	12	10	1.54
3 „	.796	.266	70.4	64.1	6.3	60.4	.530	.72	71.3	75.2	E	0.5		+	8		3.00
4 „	.796	.254	69.0	64.0	5.0	61.0	.542	.77	70.8	75.0	„	0.4		+	2		4.16
5 „	.803	.258	69.0	64.1	4.9	61.2	.545	.78	70.7	74.9	ENE	0.3		+	2		Above 10m.
6 „	.808	.291	68.5	63.0	5.5	59.6	.517	.75	70.5	74.8	„	0.2					
7 „	.836	.309	69.0	63.5	5.5	60.2	.527	.75	70.8	74.9	E b N	0.2		+	8		1.47
8 „	.853	.321	71.6	64.6	7.0	60.5	.532	.70	72.0	75.0	SE b E	0.4		+	4		2.27
9 „	.865	.295	74.0	66.6	7.4	62.6	.570	.69	73.0	75.0	„	0.5		+	2		2.18
10 „	.870	.282	77.0	68.2	8.8	63.5	.588	.65	75.0	75.2	„	0.3		+	1		Above 10m.
11 „	.852	.279	77.8	68.0	9.8	62.7	.573	.61	76.0	75.3	W b N	0.1		+	1		Above 10m.
Noon.	.838	.252	79.6	69.0	10.6	63.4	.586	.59	76.5	75.4	„	0.2	None.	+	1		Above 10m.
1 p. m.	.804	.219	81.2	69.5	11.7	63.3	.585	.56	77.0	75.4	WNW	0.2		+	1		Above 10m.
2 „	.787	.203	81.6	69.6	12.0	63.3	.584	.56	77.4	75.5	„	0.4		+	1		Above 10m.
3 „	.784	.180	81.0	70.0	11.0	64.3	.604	.59	77.4	75.6	„	0.3		+	1		Above 10m.
4 „	.787	.183	81.0	70.0	11.0	64.3	.604	.59	77.4	75.8	„	0.6		+	1		Above 10m.
5 „	.790	.163	79.0	70.0	9.0	65.4	.627	.65	77.4	75.9	NW b W	0.5					
6 „	.798	.168	76.6	69.3	7.3	65.6	.630	.70	76.8	76.0	WNW	0.4					
7 „	.813	.173	75.7	69.3	6.4	66.1	.640	.73	76.2	76.0	W b N	0.3					
8 „	.833	.200	75.4	69.0	6.4	65.7	.633	.73	76.1	76.0	„	0.2					
9 „	.840	.199	74.6	69.0	5.6	66.1	.641	.76	75.2	76.0	„	0.1					
10 „	.840	.194	74.2	69.0	5.2	66.4	.646	.78	75.0	75.8	„	0.0					
11 „	.825	.170	74.6	69.4	5.2	66.8	.655	.78	75.0	75.7	„	0.0					
Feb. 20th-Midnight	.819	.167	73.6	69.0	4.6	66.6	.652	.80	74.8	75.7	W b N	0.0					
1 a. m.	.807	.213	73.5	67.2	6.3	63.8	.594	.73	74.6	75.6	„	0.0					
2 „	.796	.200	72.7	67.0	5.7	63.9	.596	.75	74.2	75.5	S b E	0.3					
3 „	.787	.182	72.5	67.2	5.3	64.4	.605	.77	74.0	75.4	„	0.4	None.	None.	None.	None.	None.
4 „	.793	.189	72.0	67.0	5.0	64.3	.604	.78	73.2	75.4	„	0.5					
5 „	.801	.164	72.0	68.0	4.0	65.9	.637	.82	73.2	75.4	„	0.3					
6 „	.810	.160	71.4	68.2	3.2	66.6	.650	.86	73.1	75.3	E b S	0.2					
7 „	.832	.159	71.7	69.0	2.7	67.6	.673	.88	73.1	75.3	E b N	0.1					
8 „	.853	.174	74.0	70.0	4.0	68.0	.682	.83	74.3	75.6	„	0.2					
9 „	.852	.150	76.0	71.2	4.8	68.9	.702	.80	75.0	75.8	„	0.2					
10 „	.850	.167	77.5	71.1	6.4	68.1	.683	.74	76.0	76.0	E	0.1					
11 „	.841	.142	78.9	72.0	6.9	68.8	.699	.72	77.2	76.1	E b S	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ≀⌒ nimbi.	
0	N	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°2 and 81°3.
1	G	≀≀ scattered around hor.	
1	G	≀≀ scattered here and there.	
6	G	≀≀ scattered about moving SE.	
6	G	" " "	
5	C	" " "	
5	C	" " "	
4	C	Clouded as before; mist and fog in hor.	
3	C	Clouded as before; mist and fog in hor.	
1	N	≀≀ and mist around hor.	
1	N	" "	
6	N	≀≀ scattered about moving SE; mist in hor.	
3	N	" " "	
1	G	≀≀ scattered about hor.	
1	G	" "	
0	G	≀≀ scattered here and there.	
0	G	" "	
0	C	Mist along the E hor.	
0	C	" "	
0	C	Cloudless.	
0	C	"	
0	N	"	
0	N	"	
3	N	≀≀ scattered about moving SE.	
6	N	≀≀ scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 80°1 and 81°2.
6	G	Clouded as before.	
6	G	" "	
6	G	" "	
5	G	" "	
4	C	" "	
3	C	" "	
1	C	≀≀ above W hor. and ≀ above N hor.; mist and fog in hor.	
1	C	" " "	
1	N	≀≀ scattered about; mist along the E hor.	
1	N	≀≀ scattered around hor.; mist around hor.	
1	N	" " "	
1	N	≀≀ scattered about hor.; mist along the E hor.	
2	G	≀≀ scattered from N to SE hor.	
2	G	" " "	
1	G	≀≀ scattered around hor.	
1	G	" "	
0	C	A few ≀≀ above W hor.	
0	C	A few clouds in E and W hor.	
0	C	Cloudless.	
0	C	"	
0	N	"	
0	N	"	
0	N	"	
0	N	A few ≀≀ along the E hor.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 81°1. Height of Barometer at 4 P. M. was 29.744 in. lowest in the month, and 0·106 in. lower than the normal mean. On this day wind blew abnormally.
1	G	≀≀ scattered around hor.	
1	G	" "	
1	G	" "	
1	G	" "	
1	C	" "	
1	C	" "	
1	C	≀≀ scattered along the W hor.; mist and fog in hor.	
1	G	" " "	
1	N	≀≀ scattered around hor.; mist along the E hor.	
1	N	" " "	
1	N	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Reduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 20th-Noon.	29.818	29.141	80°8	72°0	8°8	67°8	0.677	0.66	78°6	76°2	E	0.1					
1 p. m.	.785	.110	82.4	72.4	10.0	67.7	.675	.62	79.3	76.4	W b S	0.2					
2 „	.759	.114	83.8	72.0	11.8	66.3	.645	.57	79.5	76.5	W	0.3					
3 „	.749	.114	84.7	72.0	12.7	65.8	.635	.55	80.0	76.7	„	0.2					
4 „	.744	.109	84.7	72.0	12.7	65.8	.635	.55	80.5	76.8	W b S	0.2					
5 „	.758	.058	82.2	73.0	9.2	68.8	.700	.65	80.0	77.0	W	0.2		+	2		Above 10m.
6 „	.771	.088	78.8	71.5	7.3	68.1	.683	.71	79.0	77.0	WNW	0.2		+	1		Above 10m.
7 „	.787	.107	77.4	71.0	6.4	67.9	.680	.74	77.6	77.0	„	0.1	None.			None.	
8 „	.809	.125	77.0	71.0	6.0	68.1	.684	.75	77.5	77.0	„	0.1					
9 „	.821	.135	76.8	71.0	5.8	68.2	.686	.76	77.2	77.0	„	0.1					
10 „	.826	.135	76.4	71.0	5.4	68.4	.691	.77	77.0	76.9	NW b W	0.1					
11 „	.824	.131	76.2	71.0	5.2	68.5	.693	.78	76.8	76.8	„	0.1					
Feb. 22nd-Midnight	.916	.258	76.2	70.0	6.2	66.9	.658	.74	78.0	77.2	W b N	0.0					
1 a. m.	.867	.227	75.7	69.3	6.4	66.1	.640	.73	78.1	77.2	„	0.2					
2 „	.860	.227	75.4	69.0	6.4	65.7	.633	.73	76.4	77.1	W	0·2					
3 „	.856	.219	75.0	69.0	6.0	65.9	.637	.75	75.9	77.1	W b N	0.1					
4 „	.852	.215	75.0	69.0	6.0	65.9	.637	.75	75.5	77.1	NNE	0.1					
5 „	.868	.183	74.4	70.2	4.2	68.1	.685	.82	75.5	77.1	NE b N	0.1					
6 „	.892	.191	73.6	70.4	3.2	68.9	.701	.86	75.4	77.0	E	0.2					
7 „	.916	.195	73.6	71.0	2.6	69.7	.721	.89	75.0	77.0	ESE	0.1					
8 „	.950	.231	75.8	71.6	4.2	69.7	.719	.82	76.0	77.2	„	0.2					
9 „	.953	.246	77.6	71.8	5.8	69.1	.707	.76	76.4	77.5	„	0.2					
10 „	.954	.252	78.0	71.8	6.2	68.9	.702	.75	76.6	77.7	„	0.1					
11 „	.949	.272	79.9	71.7	8.2	67.8	.677	.68	76.9	77.8	„	0.1	None.			None.	
Noon.	.938	.271	81.0	71.4	9.6	67.3	.667	.63	77.1	77.6	NW	0.1					
1 p. m.	.928	.320	82.2	70.5	11.7	64.5	.608	.57	78.4	77.7	„	0.4					
2 „	.901	.246	83.6	72.2	11.4	66.8	.655	.59	80.0	77.8	„	0.3					
3 „	.897	.242	83.6	72.2	11.4	66.8	.655	.59	80.5	77.8	„	0.2					
4 „	.899	.237	82.9	72.2	10.7	67.1	.662	.60	80·0	77.9	„	0.2					
5 „	.910	.271	81.1	71.0	10.1	66.0	.639	.62	79.6	78.0	„	0.2		+	2		4.10
6 „	.918	.249	78.4	71.0	7.4	67.4	.669	.70	78.6	78.1	NW b N	0.2		+	2		Above 10m.
7 „	.940	.272	76.6	70.4	6.2	67.4	.668	.74	78.0	78.0	„	0.2					
8 „	.963	.301	75.8	70.0	5.8	66.1	.662	.76	77.4	77.9	„	0.3					
9 „	.981	.328	75.0	69.5	5.5	66.7	.653	.77	77.0	77.9	„	0.2					
10 „	.979	.340	74·8	69.0	5.8	66.0	.639	.75	75.5	77.8	„	0.2					
11 „	.967	.355	74.4	68.0	6.4	64.7	.611	.73	75.5	77.8	„	0.2					
Feb. 23rd-Midnight	.941	.359	74.0	67.0	7·0	63.2	.582	.70	75.5	77.6	NW b N	0.3					
1 a. m	.920	.319	73.8	67.5	6.3	64.2	.601	.73	75.0	77.5	NW	0.2					
2 „	.908	.321	73.5	67.0	6.5	63.4	.587	.72	74.8	77.4	NW b W	0.3					
3 „	.901	.311	73.3	67.0	6.3	63.6	.590	.72	74.5	77.2	NW	0.2					
4 „	.898	.305	73.0	67.0	6.0	63.8	.593	.74	74.0	77.0	NNW	0·4					
5 „	.906	.340	72.5	66.0	6.5	62.3	.566	.72	74.0	77.0	NW b N	0.1					
6 „	.921	.369	71.2	65.1	6.1	61.6	.552	.73	73.6	76.9	N b W	0.1		+	4		1.16
7 „	.945	.345	72.4	67.0	5.4	64.1	.600	.76	73.8	76.9	N b E	0.1		+	2		4.56
8 „	.955	.346	74.5	68·0	6.5	64·6	.609	.73	75.0	76.9	NE b N	0.2					
9 „	.966	.314	76.7	70.0	6.7	66.6	.652	.73	75.6	77.1	ENE	0.1					
10 „	.969	.322	76.9	69.9	7.0	66.4	.647	.71	75.7	77.3	E b N	0.1					
11 „	.961	.325	77.9	69.9	8.0	65.8	.636	.68	76.0	77.5	W	0.0					
Noon.	.952	.325	79.0	70.0	9.0	65.4	.627	.65	76.4	77.6	NW	0.0	None.				
1 p. m.	.890	.283	81.4	70.2	11.2	64.5	.607	.58	78.2	77.8	WNW	0.3					
2 „	.871	.273	82.2	70.2	12.0	64.0	.598	.56	78.5	77.9	„	0.6					
3 „	.852	.289	81.7	69.0	12.7	62.2	.563	.53	78.0	78.0	„	0.5					
4 „	.849	.278	81.0	69.0	12.0	62.6	.571	.55	77.8	78.2	„	0.4					
5 „	.852	.242	79.0	69.5	9.5	64.6	.610	.63	77.8	78.2	„	0.4					
6 „	.861	.293	76.5	67.4	9.1	62·5	.568	.64	77.2	78.2	„	0.5					
7 „	.879	.274	74.3	67.8	6.5	64.4	.605	.72	76.0	78.0	„	0.4					
8 „	.890	.290	73.6	67.4	6.2	64.1	.600	.74	75.5	77.6	NW b W	0.3					
9 „	.898	.311	73.2	66.8	6.4	63.4	.587	.72	74.2	77.0	„	0.2		+	3		Above 10m.
10 „	.897	.329	73.0	66.3	6.7	62.5	.570	.71	74.0	76.8	NW b N	0.3		+	3		Above 10m.
11 „	.895	.312	72.1	66.4	5.7	63.2	.583	.75	73.5	76.7	„	0.1		+	15	15	0.27

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are : ∿ cirri ; ∿ cirro-cumuli; ∩ cumuli ; ⌣ cirro-strati ; ∩ cumulo-strati ; and ∿ nimbi.	
2	N	∿ scattered around hor.; mist along the E hor.	
2	G	∿ scattered around hor.	
2	G	" " .	
2	G	" "	
2	G	" "	
2	N	" "	
2	N	∿ scattered about moving SE.	
1	N	" " "	
2	N	" " "	
4	N	" " "	
4	N	" " "	
2	N	" " "	
0	N. R.	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 81°0.
5	G	∿ scattered about moving E.	
6	G	" "	
7	G	∿ and ∿ scattered about, the former moving E.	
7	G	∿ and ∿ scattered about, the former moving ESE.	
7	C	∿ and ∿ scattered about, both moving SE.	
7	C	" " "	
5	C	∿ and ∿ scattered about, the former moving ESE; mist and fog in hor.	
4	C	" " " "	
4	N. R.	∿ around hor. and ∿ scattered about.	
3	N. R.	" " "	
2	N. R.	∿ scattered about hor.	
2	N. R.	" "	
2	G	∿ scattered about.	
2	G	" "	
1	G	∿ scattered about hor.	
2	G	∿ scattered about moving E.	
3	C	∿ around hor. and ∿ above E hor.	
6	C	∿ scattered about; a few ∿ above E hor.	
4	C	" " "	
3	C	∿ around hor.; ∿ scattered about E hor.	
2	G. L.	∿ scattered about hor. from N to S.	
2	G. L.	" " "	
1	H	∿ scattered about E hor.	
0	H	A few ∿ in the E hor.	Mean daily temperature of ground 20 and 60 inches below its surface 80°2 and 81°2.
0	G	Cloudless.	
0	G	"	
2	G	∿ scattered about hor. from N to SW.	
4	G	∿ scattered about moving E.	
5	C	" "	
3	C	" "	
3	C	∿ scattered about moving E; mist and fog in hor.	
2	C	" " " "	
1	N. R.	" " " "	
1	N. R.	∿ scattered along the E hor.	
0	N R.	A few clouds along the E hor.	
0	N. R.	" " "	
0	G.	A few ∿ along the E hor.	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	Cloudless.	
0	C	"	
0	C	"	
0	C	"	
0	G. L.	"	
0	G. L.	"	
0	G. L.	"	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in seconds from the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 24th-Midnight	29.889	29.367	72·2	64·5	7·7	59·9	0·522	0·67	73·5	76·7	NW	0.8		+	4		2.00
1 a. m.	.867	·352	72·9	64.5	8.4	59.5	.515	.65	76.6	76.6	NW b N	0.6		+	6		4.11
2 ,,	.850	.345	72.4	64.0	8.4	58.9	.505	.64	76.2	76.5	,,	0.5		+	10		1.21
3 ,,	.837	.321	70.8	63.8	7.0	59.6	.516	.69	73.5	76.4	NNW	0.4		+	8		1.54
4 ,,	.836	·306	70.4	64.1	6.3	60.4	·530	.72	71.8	76.3	N	0.2		+	1		Above 10m.
5 ,,	.849	·329	69.7	63.5	6.2	59.8	·520	.72	71.6	76.3	,,	0.1					
6 ,,	.870	·328	69.0	64·0	5.0	61.0	·542	.77	71.3	76.2	,,	0.1					
7 ,,	.891	.352	69.3	64.0	5.3	60.9	·539	.76	71.3	76.1	,,	0.2					
8 ,,	.909	.462	70.6	61.4	9.2	55.3	.447	.61	71.5	76.0	,,	0.2					
9 ,,	.924	·505	72.0	61.0	11.0	53.4	.419	.54	71.6	76.1	N b W	0.3					
10 ,,	.929	.532	74.0	61.0	13.0	51.8	.397	.48	71.8	76.1	NNW	0.2					
11 ,,	.919	.544	76.6	61.2	15.4	50.1	.375	.42	72·0	76.1	,,	0.4	None.			None.	
Noon.	.910	.509	79.0	63.0	16.0	52 1	.401	.41	73.6	76.1	NW	1.6					
1 p. m.	·860	·454	80.4	63.7	16.7	52.4	.406	.40	75.7	76.1	NW b W	1.4					
2 ,,	·835	·426	80.8	64.0	16.8	52.7	.409	.40	76.5	76.2	NW	6.6					
3 ,,	.810	·364	81.2	65.2	16.0	55.2	.446	.43	77.8	76.3	NW b N	1.7					
4 ,,	.803	.352	80·0	65.0	15.0	55.5	·451	.45	77.0	76.4	,,	1.7					
5 ,,	.805	.395	78.3	63 0	15.3	52.7	·410	.43	77.0	76.5	,,	1.5					
6 ,,	.809	.447	75.5	60.4	15.1	49.1	·362	.42	76.1	76.6	,,	1.6					
7 ,,	·811	.422	74.7	61.0	13 7	51.1	·389	.46	75.6	76.6	,,	1.7		+	2		4.16
8 ,,	·816	.444	74.4	60.3	14.1	49.9	·372	.44	75.2	76.5	,,	1.0		+	2		4.29
9 ,,	.825	·495	73.5	58.5	15.0	46.4	·330	.41	74.0	76.5	,,	1.1		+	5		0.5
10 ,,	.838	.546	70.8	56.0	14.8	43.4	·292	.39	72.8	76.5	N b W	0.2		+	4		1.20
11 ,,	.837	·563	70.0	55.0	15.0	40.8	.274	.38	72.0	76.5	,,	0.1		+	4		0.50
Feb. 25th-Midnight	.819	.533	69.0	55.0	14.0	42.3	·286	.31	71.0	76.2	N	0.0		+	4		0.40
1 a. m.	.813	.527	69.0	55.0	14.0	42·3	·286	.31	70.6	75.9	,,	0.6		+	12	10	1.20
2 ,,	.794	.505	68.7	55.0	13.7	42.6	·289	.42	70.2	75.7	N b E	0.6		+	6		2.14
3 ,,	.785	.485	68.2	55.2	13.0	43.6	.300	.44	70.0	75.6	N	0.4		+	8	6	1.40
4 ,,	.786	.478	67.0	55·0	12.0	44.4	·308	.47	69·7	75.4	N b W	0.5		+	8	6	1.12
5 ,,	.801	.493	67.0	55.0	12.0	44.4	·308	.47	69.5	75.3	,,	0.1		+	4		3.47
6 ,,	.825	.544	66.0	53.5	12.5	41.9	·281	.45	68.8	75.2	,,	0.1		+	2		Above 10m.
7 ,,	.860	.636	65.1	50.8	14.3	35.3	·224	.36	68.0	74·9	,,	0.2					
8 ,,	.875	.656	68.2	52.0	16.2	34.7	·219	.32	69.0	74.7	N b E	0.1					
9 ,,	.895	.648	70.2	54·0	16.2	38.3	·247	.34	70.4	75.0	,,	0.0					
10 ,,	.888	.603	76.2	58.0	18.2	42.5	·285	.32	74.7	75.0	NNE	0.0					
11 ,,	.872	.586	78.6	59.0	19.6	42.8	·286	.30	75.0	75.0	NW	0.0					
Noon.	.839	.431	81·0	64 0	17.0	52.8	·408	.40	76.4	75.2	NW b N	0.2					
1 p. m.	.815	.398	81.6	64.5	17.1	53.4	.417	.40	77.0	75.4	NNW	0 4	None.				
2 ,,	.788	.359	82.0	65.0	17.0	54.1	.429	.40	77.7	75.5	,,	0.7					
3 ,,	.767	.338	82.0	65.0	17.0	54.1	·429	.40	77.7	75.6	,,	1.0					
4 ,,	.763	.293	81.2	66.0	15.2	56.8	.470	.45	77.6	75.8	,,	1.2					
5 ,,	.766	.231	78.8	67.2	11.6	60.6	.535	.56	77.2	75.9	,,	0.7					
6 ,,	.770	.237	75.5	66.0	9.5	61.5	·553	.62	76.3	76.0	,,	0.5		+	4		2.4
7 ,,	.783	.273	74.2	64.8	9.4	59.2	.510	.61	75.3	75.9	,,	1.0		+	2		4.54
8 ,,	.801	·287	73.8	64.8	9.0	59.4	·514	.63	74.8	75.9	N b W	0 8		+	2		5.19
9 ,,	.805	.390	72.4	61.0	11.4	53.1	·415	·53	74.1	75.7	N	0.0		+	2		Above 10m.
10 ,,	.820	.410	70.2	60.0	10.2	52.7	·410	.56	74.1	75.7	N b W	0.0		+	2		Above 10m.
11 ,,	.817	.427	69.4	59.0	10.4	51.3	.390	.55	73.9	75.7	,,	0.0		+	4		0.44
Feb. 26th-Midnight	.806	.385	69.2	60.0	9.2	53.5	.421	.59	73.0	75.5	N b W	0.0		+	4		0.4
1 a. m.	.797	.372	68.8	60.0	8.8	53.8	.425	.61	71·2	75.4	,,	0.1		+	8	6	1.16
2 ,,	.783	.368	68.0	59.0	9.0	52.4	.405	.59	70.6	75.2	,,	0.2		+	4		2.26
3 ,,	.773	.382	67.2	58.2	9.0	51.3	.391	·59	69 6	75·0	,,	0.1		+	1		Above 10m.
4 ,,	.774	.383	67.2	58.2	9 0	51.3	.391	.59	69.2	74.9	,,	0·1		+	4		2.18
5 ,,	.788	.412	66.6	57.4	9.2	50.2	.376	.58	69.2	74.9	,,	0.1		+	2		Above 10m.
6 ,,	.816	.430	67.2	58.0	9.2	51.0	.386	.58	69.2	74.8	,,	0.1					
7 ,,	.850	.390	69.7	61.5	8.2	56·2	.460	.64	70.4	74.8	NE	0.1	None.				
8 ,,	.880	.417	71.6	62.3	9.3	56.3	.463	.61	72.0	74.8	NE b E	0.1		+	8	6	2.45
9 ,,	.892	.385	72.2	64.0	8.2	59.0	.507	.61	73.5	74.8	,,	0.0		+	4		3.00
10 ,,	.898	.402	76.4	65.0	11.4	58.4	.496	.49	74.3	74.8	SW	0.0		+	3		5.00
11 ,,	.882	.380	78.4	66 0	12.4	58.7	·502	.49	74.9	74.9	W	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≈ cirri; ≈ cirro-cumuli; ≈ cumuli; ≈ cirro-strati; ≈ cumulo-strati; and ≈ nimbi.	
0	G. L.	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°3 and 81°2.
0	G	"	
0	G	"	
0	G	"	
0	G	"	
0	C	"	
0	C	Mist around hor.	
1	C	≈ scattered above SW hor.; mist and fog in hor.	
0	C	A few ≈ above SW hor.; mist and fog in hor.	
0	N. R.	A few ≈ above SW hor.; mist in hor.	
0	N. R.	Mist in hor.	
0	N. R.	" "	
0	N. R.	Cloudless.	
0	G	Mist along the E hor.; fresh breezes from NW.	
0	G	" " "	
0	G	" " "	
0	G	" " "	
0	C	" " "	
0	C	" " "	
0	C	Cloudless; fresh breeze from NW.	
0	C	" " "	
0	D	Cloudless.	
0	D	"	
0	D	"	
0	D	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°3 and 81°2. Temperature of evaporation at 7 A. M. was 50°8 lowest in the month and about 18°0 lower than the normal mean for the hour; at 8 A. M. the temperature of dew-point was 34°7 lowest during the year and about 32°0 lower than the normal mean. 25th February was the 12th cloudless day from the beginning of the year.
0	G	"	
0	G	"	
0	G	"	
0	G	"	
0	C	"	
0	C	"	
0	C	Mist and fog in hor.	
0	C	" "	
0	D	" "	
0	D	Mist around hor.	
0	D	" "	
0	D	" "	
0	G	Mist along the E hor.	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	" "	
0	C	" "	
0	C	Cloudless; fresh breeze from NW.	
0	C	" " "	
0	D	Cloudless.	
0	D	"	
0	D	"	
0	D	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°3 and 81°2. 26th February was the 6th day on which the sky remained almost cloudless.
0	G	"	
0	G	"	
0	G	"	
0	G	"	
0	C	"	
0	C	Mist around hor.	
0	C	Mist and fog in hor.	
0	C	" "	
0	D	" "	
0	D	A few clouds in E hor.; mist in hor.	
0	D	Mist in hor.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Feb. 26th-Noon.	29.850	29.368	80°0	66°0	14°0	57°5	0.482	0.38	75°2	75°0	NW b W	0.2		+	2		3.00
1 p. m.	.843	.388	81.4	65.6	15.8	55.9	.455	.43	76.9	75.2	WNW	0.1		+	4		2.48
2 „	.814	.379	84.3	66.0	18.3	54.5	.435	.38	78.8	75.4	W	0.2		+	2		Above 10m.
3 „	.812	.361	84.6	66.6	18.0	55.5	.451	.39	79.0	75.6	NW	0.3		+	1		Above 10m.
4 „	.814	.325	82.4	67.0	15.4	58.0	.489	.45	79.0	75.8	NNW	0.4		+	4		2.26
5 „	.818	.326	81.3	66.7	14.6	58.1	.492	.47	78.8	75.9	NW b N	0.3		+	2		4.52
6 „	.831	.336	79.0	65.0	13.0	58.3	.495	.51	78.1	76.1	NNW	0.3		+	4		3.10
7 „	.850	.320	75.8	66.0	9.8	60.4	.530	.61	76.5	76.1	NW	0.4	None.	+	2	None.	5.46
8 „	.881	.327	74.8	66.4	8.4	61.7	.554	.65	76.0	76.0	NW b N	0.6					
9 „	.887	.435	73.8	66.0	7.8	61.6	.552	.67	75.7	76.0	„	0.0					
10 „	.896	.369	73.2	65.0	8.2	60.2	.527	.65	75.2	76.0	„	0.0					
11 „	.895	.377	71.2	64.0	7.2	59.7	.518	.69	74.5	75.9	„	0.0					
Feb. 27th-Midnight	.892	.345	71.4	65.0	6.4	61.3	.547	.72	73.5	75.7	NW b N	0.0					
1 a. m.	.875	.299	70.3	65.5	4.8	62.9	.576	.78	72.0	75.7	„	0.3		+	6		0.44
2 „	.868	.292	70.3	65.5	4.8	62.9	.576	.78	72.5	75.5	SE b S	0.4		+	8	6	1.16
3 „	.854	.263	70.8	66.2	4.6	63.7	.591	.79	72.7	75.5	„	0.6		+	2		
4 „	.859	.268	70.8	66.2	4.6	63.7	.591	.79	72.6	75.5	„	0.6		+	2		
5 „	.869	.277	70.2	66.0	4.2	63.7	.592	.81	72.1	75.5	„	0.1		+	2		
6 „	.890	.296	70.0	66.0	4.0	63.8	.594	.82	71.7	75.4	„	0.0		+	2		
7 „	.915	.344	71.0	65.6	5.4	62.6	.571	.76	72.0	75.3	„	0.4		+	2		
8 „	.943	.393	74.0	66.0	8.0	61.5	.550	.67	73.5	75.3	„	0.2		+	4		
9 „	.963	.348	77.0	69.0	8.0	64.9	.615	.68	75.1	75.4	„	0.2		+	6		
10 „	.966	.330	78.5	70.1	8.4	65.9	.636	.67	76.5	75.6	„	0.2	None.	+	6		
11 „	.953	.406	80.2	68.0	12.2	61.3	.547	.54	77.0	76.8	W b S	0.0		+	4		
Noon.	.928	.359	81.2	69.0	12.2	62.5	.569	.55	77.5	76.0	W	0.0					
1 p. m.	.907	.380	82.0	68.0	14.0	60.2	.527	.49	78.3	76.0	WNW	0.2					
2 „	.882	.359	82.4	68.0	14.4	60.0	.523	.48	78.7	76.2	W b N	0.3		+	1		
3 „	.863	.378	82.3	67.0	15.3	58.0	.490	.45	79.0	76.4	WNW	0.5		+	1		
4 „	.866	.367	81.5	67.0	14.5	58.6	.499	.48	79.0	76.5	„	0.4		+	2		
5 „	.869	.349	79.6	67.0	12.6	59.8	.520	.54	79.0	76.5	NW b W	0.1		+	2		
6 „	.868	.340	76.0	66.0	10.0	60.3	.528	.60	78.9	76.5	„	0.1					
7 „	.902	.348	74.8	66.4	8.4	61.7	.554	.65	76.2	76.5	„	0.5		+	1		
8 „	.917	.367	74.0	66.0	8.0	61.5	.550	.67	75.1	76.4	WNW	0.5		+	4		
9 „	.921	.388	73.5	65.3	8.2	60.5	.533	.66	75.0	76.4	NW b W	0.2		+	2		
10 „	.916	.391	73.4	65.0	8.4	60.1	.525	.64	74.8	76.3	„	0.4		+	2		
11 „	.889	.360	73.0	65.0	8.0	59.8	.529	.66	74.2	76.3	NW	0.1					
Feb. 28th-Midnight	.879	.350	73.0	65.0	8.0	59.8	.529	.66	74.1	75.9	NW b N	0.1					
1 a. m.	.872	.350	73.6	65.0	8.6	59.9	.522	.64	74.4	75.9	NW	0.6		+	4		
2 „	.865	.338	73.2	65.0	8.2	60.2	.527	.65	74.0	75.9	„	0.7		+	2		
3 „	.853	.324	73.0	65.0	8.0	60.3	.529	.66	73.4	75.9	NNW	0.7		+	1		Above 10m.
4 „	.846	.341	72.4	64.0	8.4	58.9	.505	.64	73.0	75.9	„	0.6		+	1		Above 10m.
5 „	.851	.312	72.4	65.1	7.3	60.9	.539	.69	73.0	75.9	„	0.7		+	2		Above 10m.
6 „	.875	.335	72.0	65.0	7.0	60.9	.540	.70	73.0	75.8	„	0.5		+	6		1.46
7 „	.907	.375	70.5	64.2	6.3	60.5	.532	.72	72.3	75.7	N	0.1		+	16	14	1.5
8 „	.924	.413	72.4	64.2	8.2	59.3	.511	.65	73.0	75.7	N b E	0.2		+	10	8	2.9
9 „	.945	.496	74.7	63.0	11.7	55.4	.449	.53	74.0	75.8	„	0.2					
10 „	.950	.526	77.0	63.0	14.0	53.7	.424	.47	75.2	75.9	N b W	0.6					
11 „	.939	.535	77.5	62.5	15.0	52.3	.404	.44	75.7	76.0	NNW	0.7					
Noon.	.910	.525	77.8	62.0	15.8	50.9	.385	.41	75.9	76.1	NW b N	0.8	None.				
1 p. m.	.879	.470	78.4	63.0	15.4	52.7	.409	.43	76.2	76.2	NW b W	0.7		+	4		2.26
2 „	.845	.432	78.0	63.0	15.0	52.9	.413	.44	76.2	76.2	NW	0.8		+	4		2.48
3 „	.839	.426	78.0	63.0	15.0	52.9	.413	.44	75.8	76.2	„	0.7		+	2		3.16
4 „	.843	.430	78.0	63.0	15.0	52.9	.413	.44	75.5	76.2	NW b W	1.0		+	1		Above 10m.
5 „	.849	.407	75.4	63.0	12.4	55.9	.442	.51	75.0	76.2	„	1.4		+	2		6.14
6 „	.860	.407	72.2	62.2	10.0	55.7	.453	.58	74.4	76.3	„	1.3		+	4		4.10
7 „	.876	.418	71.2	62.0	9.2	56.0	.458	.61	73.5	76.2	WNW	1.4		+	2		Above 10m.
8 „	.883	.423	71.0	62.0	9.0	56.2	.460	.61	72.6	76.1	„	1.0		+	1		Above 10m.
9 „	.900	.433	70.4	62.0	8.4	56.6	.467	.63	72.4	76.0	NW	1.0					
10 „	.902	.431	70.0	62.0	8.0	56.8	.471	.65	72.0	75.9	„	0.5					
11 „	.894	.453	68.7	60.5	8.2	54.9	.441	.61	71.0	75.7	„	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: ∿ cirri; ≀∿ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩∿ cumulo-strati; and ≋ nimbi.	Remarks.
0	D	Mist in hor.	
0	G	Cloudless.	
0	G	,,	
0	G	,,	
0	G	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	D	,,	
0	D	,,	
0	D	,,	
0	D	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°4 and 81°3.
0	G	,,	
0	G	,,	
0	C	,,	
0	C	,,	
0	D	,,	
0	D	,,	
0	G	Mist around hor.	
0	G	Mist and fog in hor.	
0	C	A few ∿ in N above hor.	
0	C	,, ,, ,,	
0	D	A few clouds in S hor.	
0	D	,, ,,	
0	G	A few clouds in SE hor.	
0	G	A few clouds in SE hor.	
0	C	A few clouds in NE and SE hor.	
0	C	Cloudless.	
0	D	,,	
0	D	,,	
0	G	,,	
0	G	,,	
0	C	,,	
0	C	,,	
0	D	A few clouds in hor.	
1	D	∿ scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 80°4 and 81°3.
5	G	∿ scattered about moving SE.	
6	G	∿ scattered about moving SE	
6	G	Clouded as before.	
6	G	,, ,,	
6	C	,, ,,	
6	C	,, ,,	
5	C	∿ and ≀∿ like clouds scattered about both moving SSE; mist and fog in hor.	
3	C	∿ scattered about hor. moving SE; mist and fog in hor.	
1	B	∿ scattered around hor.; mist in hor.	
1	B	,, ,, ,,	
0	B	∿ around hor.	
0	B	Cloudless.	
0	G	,,	
0	G	,,	
0	G	,,	
0	G	,,	
0	C	Cloudless; fresh breezes of wind from NW.	
0	C	A few ∿ in W hor.; fresh breezes of wind from NW.	
0	C	Cloudless; fresh breezes of wind from NW.	
0	C	,, ,, ,,	
0	C	,, ,, ,,	
0	C	,, ,, ,,	
0	C	Cloudless.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div	Sc. div	m. s.
Mar. 1st-Midnight	29.874	29.506	68°8	58°0	10°8	49°6	0.368	0.53	70°6	75°4	N b W	0.2					
1 a. m.	.843	.475	68.8	58.0	10.8	49.6	.368	.53	70.5	75.4	„	0.1		+	6		2.36
2 „	.836	.464	67.7	57.7	10.0	49.9	.372	.56	69.4	75.2	„	0.2		+	12		1.00
3 „	.820	.459	67.0	57.0	10.0	49.0	.361	.55	69.0	75.0	„	0.1		+	4		3.16
4 „	.812	.451	67.0	57.0	10.0	49.0	.361	.55	69.0	74.8	N	0.0		+	8		2.4
5 „	.816	.428	67.0	58.0	9.0	51.1	.388	.59	69.0	74.7	„	0.0		+	14	12	1.14
6 „	.827	.415	67.4	59.0	8.4	52.9	.412	.62	69.0	74.6	„	0.1		+	12	12	1.17
7 „	.857	.407	69.2	61.0	8.2	55.5	.450	.64	70.1	74.5	„	0 3		+	4		5.46
8 „	.886	.403	72.2	63.2	9.0	57.6	.483	.62	71.7	74.6	ENE	0.3		+	6		4.10
9 „	.898	.450	74.8	63.0	11.8	55.3	.448	.53	72.9	74.7	„	0.2		+	2		3.16
10 „	.894	.432	77.4	64.4	13.0	56.3	.462	.50	74.2	74.7	„	0.2		+	4		2.41
11 „	.882	.485	82.0	64.0	18.0	51.8	.397	.37	77.0	74.8	NE b E	0.2		+	1		Above 10m.
Noon.	.856	.457	86.8	66.8	20.0	51.9	.399	.35	79.6	75.0	NW	0.1	None.	+	14	10	1.2
1 p. m.	.838	.340	84.5	68.0	16.5	58.5	.498	.43	80.0	75.2	„	0.6		+	1		Above 10m.
2 „	.816	.299	84.6	68.6	16.0	59.6	.517	.44	80.2	75.4	„	0.5					
3 „	.806	.248	85.2	70.0	15.2	61.9	.558	.47	80.7	75.7	WNW	0.3					
4 „	.812	.241	84.0	70.0	14.0	62.6	.571	.50	80.5	76.1	NW b W	0.5					
5 „	.819	.233	82.6	70.0	12.6	63.4	.586	.54	80.0	76.2	„	0.3		+	1		Above 10m.
6 „	.835	.213	78.8	69.8	9.0	65.2	.622	.65	78.2	76.2	NW	0.2		+	6		2.18
7 „	.851	.236	77.0	69.0	8.0	64.9	.615	.68	77.0	76.1	NW b N	0.1		+	4		4.00
8 „	.872	.245	75.9	69.0	6.9	65.4	.627	.72	76.5	76.1	„	0.0		+	1		Above 10m.
9 „	.898	.267	74.0	68.5	5.5	65.6	.631	.76	75.7	76.0	„	0.0		+	10		3.12
10 „	.894	.235	73.0	69.0	4.0	67.0	.659	.82	75.1	76.0	„	0.0		+	20	20	0.5
11 „	.879	.219	72.9	69.0	3.9	67.0	.660	.83	74.9	75.9	„	0.1		+	20	18	0.40
Mar. 2nd-Midnight	.871	.236	72.7	68.2	4.5	65.8	.635	.80	74.4	75.9	NW b N	0.1		+	4		5.52
1 a. m.	.843	.206	72.0	68.0	4.0	65.9	.637	.82	74.0	75.9	„	0.0		+	1		Above 10m.
2 „	.834	.178	71.8	68.5	3.3	66.8	.656	.85	73.5	75.9	„	0.0		+	4		1.46
3 „	.830	.188	71.5	68.0	3.5	66.2	.642	.84	73.2	75.9	„	0.0		+	6		1.00
4 „	.830	.160	72.0	69.0	3.0	67.5	.670	.87	73.5	75.9	S	0.2		+	6		1.20
5 „	.844	.176	72.2	69.0	3.2	67.4	.668	.86	73.2	75.8	„	0.2		+	10	8	0.58
6 „	.861	.182	72.4	69.4	3.0	67.9	.679	.87	73.2	75.7	„	0.1		+	8		1.26
7 „	.882	.200	74.0	70.0	4.0	68.0	.682	.83	74.0	75.8	„	0.2		+	2		Above 10m.
8 „	.911	.240	76.6	70.5	6.1	67.5	.671	.71	75.0	75.9	„	0.2		+	1		Above 10m.
9 „	.940	.235	78.4	72.0	6 4	69.0	.705	.74	76.8	76.0	S b E	0.3		+	6		3.11
10 „	.946	.222	80.0	73.0	7.0	69.9	.724	.72	78.0	76.2	S	0.3		+	2		Above 10m.
11 „	.944	.186	81.7	74.4	7.3	71.3	.758	.72	79.1	76.4	„	0.2					
Noon.	.927	.205	83.5	74.0	9.5	69.8	.722	.65	80.2	76.5	SW	0.3	None.				
1 p. m.	.903	.263	84.3	72.0	12.3	66.1	.640	.56	80.9	76.8	SW b W	0.6					
2 „	.886	.218	85.0	73.0	12.0	67.4	.668	.57	81.2	77.0	WSW	0.5					
3 „	.875	.221	85.0	72.6	12.4	66.7	.654	.56	81.2	77.1	„	0.4					
4 „	.875	.269	84.5	71.0	13.5	64.4	.606	.52	81.2	77.2	„	0.4					
5 „	.878	.259	82.8	71.0	11.8	65 1	.619	.57	80.8	77.3	„	0.2					
6 „	.890	.233	78.8	70.8	8.0	66.9	.657	.68	78.7	77.3	„	0.2					
7 „	.908	.256	76.7	70 0	6.7	66.6	.652	.73	77.2	77.2	„	0.1					
8 „	.928	.268	76.0	70.0	6.0	67.0	.660	.75	76.6	77.1	„	0.2		+	.1		Above 10m.
9 „	.950	.321	75.2	68.8	6.4	65.5	.629	.73	76.4	77.1	„	0.1					
10 „	.949	.326	74.2	68.3	5.9	65.3	.623	.75	76.1	77.0	„	0.0					
11 „	.942	.324	73.7	68.0	5.7	65.0	.618	.76	75.6	77.0	„	0.0					
Mar. 3rd-Midnight	.932	.308	73.2	68.0	5.2	65 3	.624	.77	75 2	76.9	SSW	0.0					
1 a. m.	.931	.323	71.6	67.0	4.6	64.5	.608	.80	73.7	76.9	„	0·0					
2 „	.923	.340	71.0	66·0	5.0	63.2	.583	.78	73.2	76.9	„	0.0					
3 „	.912	.324	70.5	66.0	4.5	63.5	.588	.80	72.9	76.8	„	0.0					
4 „	.909	.261	71.0	68.0	3.0	66.5	648	.86	73.0	76.7	NE	0.0	None.	None.	None.	None.	None.
5 „	.915	.263	71.2	68.2	3.0	66.6	.652	.86	72.6	76·6	„	0.2					
6 „	.932	.280	71.2	68.2	3.0	66.6	.652	.86	72.5	76.6	„	0·2					
7 „	.956	.304	71.2	68.2	3.0	66 6	.652	.86	72 5	76.4	ENE	0.1					
8 „	.973	.347	73.0	68.0	5.0	65·4	.626	.78	73.0	76.2	„	0.2					
9 „	.992	.355	75.0	69.0	6 0	65.9	.637	.75	75.0	76.3	„	0.3					
10 „	.990	.376	77.1	69 0	8.1	64 8	.614	.67	76.1	76.4	NE b E	0.2					
11 „	.962	.299	79.3	68.2	11 1	62 2	.563	.57	76.6	76.5	ENE	0.1					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ∩≀ cirro-strati; ∩∩ cumulo-strati; and ≀∩ nimbi.	
0	B	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 81°5. Temperature of free air at 5 A. M. was 67°0 lowest during the month and about 6°6 lower than the normal mean; at 4 A. M. the temperature of evaporation was 57°0 least in the month and about 12°1 lower than the normal mean for the hour.
0	G	"	
0	G	"	
0	G	"	
0	G	"	
0	C	"	
0	C	Mist around hor.	
0	C	Mist and fog in hor.	
0	C	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	Mist around hor.	
0	B	Cloudless.	1st March was the 7th day on which the sky was almost cloudless.
0	B	"	
0	B	"	
0	B	"	
0	G	"	
0	G	A few ≀ in E hor.	
0	G	" "	
0	G	Cloudless.	
0	C	"	
0	C	"	
1	C	≀≀ scattered about W hor.; dew falling.	
0	C	A few ≀≀ above W hor.; dew falling.	
0	B	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 81°5.
0	B	" "	
0	B	" "	
0	B	" "	2nd March was the 8th day on which sky was almost cloudless.
0	G	A few ≀ above W hor.; dew falling.	
0	G	" " "	
0	G	A few ≀ above NE hor.; mist and fog in hor.	
0	G	" " " "	
0	C	" " " "	
0	C	A few ≀≀ scattered here and there in N and NE; mist in E hor.	
0	C	" " " " "	
0	C	Mist along the E hor.	
0	B	"	
0	B	A few ≀≀ in E hor.	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	Cloudless.	
0	G	"	
0	C	"	
0	C	"	
0	C	"	
0	C	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°0 and 81°5.
0	B	"	
0	B	A few ≀≀ above SE hor.	
0	B	"	3rd March was the 9th day on which the sky was almost cloudless.
0	B	A few ≀≀ above SE hor.; dew falling.	
0	G	" " "	
0	G	Mist around hor.	
0	G	Mist and fog in hor.	
0	G	" "	
0	C	" "	
0	C	" "	
0	C	Mist along the E hor.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Mar. 3rd-Noon.	29.929	29.379	80°5	68°2	12°3	61°5	0.550	0.54	78°0	76°6	NW b N	0.5					
1 p. m.	.899	.381	81.3	67.5	13,8	59.7	.518	.50	78.8	76.6	NNW	0.8					
2 ,,	.871	.311	82.0	69.0	13.0	62.0	.560	.52	79.0	76.7	,,	0.8					
3 ,,	.850	.226	82.4	71.0	11.4	65·3	.624	.58	79.4	76.9	,,	0.8					
4 ,,	.840	.175	82.0	72.0	10.0	67·2	.665	.62	79.6	77.1	,,	1.0	None.	None.	None.	None.	None.
5 ,,	.842	.178	80.5	71.5	9.0	67.2	.664	.66	78.6	77.1	,,	0.8					
6 ,,	.847	.199	78.7	70.5	8.2	66.5	.648	.68	78.5	77,2	,,	0.6					
7 ,,	.859	.210	77.0	70.0	7.0	66.5	.649	.71	77.0	77.1	,,	0.7					
8 ,,	.881	.210	76.6	70.5	6.1	67.5	.671	.71	76.1	77.0	N b W	1.0					
9 ,,	.904	.313	76.2	68.0	8.2	63.7	.591	.67	76.0	77.0	,,	0.6					
10 ,,	.904	.364	75.5	66.2	9.3	60.9	.540	.62	76.0	77·0	,,	0.3					
11 ,,	.901	.441	73.7	63.0	10.7	56.2	.460	.56	75.2	76.9	,,	0.2					
Mar. 4th-Midnight	.893	.444	72.0	62.0	10.0	55.4	.449	.58	75.0	76.9	N b W	0.1					
1 a. m.	.880	.514	71.5	59.0	12.5	49.4	.366	.48	73.6	76.9	,,	0.1					
2 ,,	.872	.507	69.6	58·2	11.4	49.3	.365	.51	72.3	76.7	,,	0.1					
3 ,,	.860	.477	70.0	59.0	11.0	50.8	.383	.53	72.3	76.6	,,	0 1					
4 ,,	.860	.365	70.5	63.0	7.5	58.3	.495	.67	72.3	76·6	ENE	0.2					
5 ,,	.864	.372	70.8	63.0	7.8	58.1	.492	.66	71.6	76.4	,,	0.0					
6 ,,	.891	.399	70.8	63.0	7.8	58.1	.492	.66	71.5	76.2	,,	0.1					
7 ,,	.915	.415	71·2	63.4	7.8	58.6	.500	.66	71.8	76.0	,,	0.2					
8 ,,	.941	.423	74.0	65.0	9.0	59.7	.518	.63	73.0	75.9	,,	0.1					
9 ,,	.959	.401	76.2	67.0	9.2	61.9	.558	.63	75.0	76.0	,,	0·2					
10 ,,	.956	.410	77.3	67.0	10.3	61.3	.546	.59	76.0	76.2	,,	0.1					
11 ,,	.943	.425	81.0	67.4	13·6	59.7	.518	.50	77.7	76.3	,,	0.1	None.	None.	None.	None.	None.
Noon.	.908	.393	83.0	68.0	15.0	59.5	.515	.47	79.1	76.5	NW	0.2					
1 p. m.	.879	.305	83.7	70.0	13.7	62.8	.574	.52	79.9	76.6	,,	0.8					
2 ,,	.864	.246	84.6	71.5	13.1	65.0	.618	.54	80.6	76.8	,,	1.0					
3 ,,	.853	.249	84.2	71.0	13.2	64 3	.604	.53	80.9	77.0	NNW	1.0					
4 ,,	.857	.251	84.0	71.0	13.0	64.4	.606	.53	80.9	77.2	NW b N	0.7					
5 ,,	.867	.250	83.0	71.0	12.0	65.0	.617	.56	80.0	77.2	,,	0.7					
6 ,,	.881	.246	79.9	70.5	9.4	65.8	.635	.64	79.1	77.2	NNW	0.6					
7 ,,	.894	.331	79.3	68.2	11.1	62.2	.563	.57	78.6	77.1	,,	0.6					
8 ,,	.913	.348	78.5	68.0	10.5	62.3	.565	.59	78.0	77.0	N b W	0.5					
9 ,,	.928	.359	78.2	68.0	10.2	62.5	.569	.60	78.0	77.0	NNW	0.5					
10 ,,	.927	.316	77.4	69.0	8.4	64.7	.611	.66	77.8	77.0	,,	0.3					
11 ,,	.924	.293	76.8	69.4	7.4	65.6	.631	.70	77.6	77.0	N b W	0.2					
Mar. 5th-Midnight	.909	.245	76.5	70.0	6.5	67.2	.664	.73	77 3	77.0	N b W	0.2					
1 a. m.	.902	.304	75.5	68.0	7.5	64.0	.598	.69	76.5	77.0	,,	0.1					
2 ,,	.900	.314	73.6	67.0	6.6	63.4	.586	.72	75.3	77.0	,,	0.0					
3 ,,	.892	.278	72.6	67.5	5.1	64.8	.614	.78	74.6	76.8	,,	0.0					
4 ,,	.892	.264	72.8	68.0	4.8	65.5	.623	·79	74 6	76 8	,,	0.0					
5 ,,	.897	.271	73.0	68.0	5.0	65.4	.626	.78	74.5	76.7	NNE	0.0					
6 ,,	.914	.290	73.2	68.0	5.2	65.3	.624	.77	73.7	76.6	,,	0.1					
7 ,,	.948	.379	73.4	66 4	7.0	62.5	.569	.70	73.2	76.5	,,	0.1					
8 ,,	.967	.437	75.8	66.0	9.8	60.4	.530	.61	74.5	76.5	,,	0.2					
9 ,,	.985	.623	79 8	62.0	17.8	49.1	.362	.36	77.2	76.7	N b E	0.2					
10 ,,	.979	.610	84.5	64.0	20.5	49 6	.369	.32	80.0	76.9	NNE	0.2					
11 ,,	.958	.653	89.3	63.7	25.6	44.1	.305	.22	83.4	77.2	,,	0.2	None.	None.	None.	None.	None.
Noon.	.924	.548	89.6	66.0	23.6	50.2	.376	.28	84.2	77.5	N	0.3					
1 p. m.	.890	.332	88·4	71.0	17.4	61.9	.558	.43	84.6	77.6	NW b N	1.0					
2 ,,	.859	.272	89.0	72.0	17.0	63.4	.587	.44	84.6	77.9	NW	0.8					
3 ,,	.843	.189	88.0	73.5	14.0	66.7	.654	.51	84.2	78.1	NW b N	1.0					
4 ,,	.834	.265	85·8	70.5	15 3	62.5	.569	.48	83.4	78.3	NNW	1.2					
5 ,,	.838	.278	85.0	70.0	15 0	62.0	.560	.48	83.0	78.4	,,	1.4					
6 ,,	.843	.270	82.3	69.5	12.8	62.7	.573	.53	81.4	78.4	,,	1.6					
7 ,,	.860	.287	80.8	69.0	11.8	62.7	.573	.56	81.2	78.3	,,	1.5					
8 ,,	.879	.306	80.8	69·0	11.8	62.7	.573	.56	81·0	78.1	,,	2.0					
9 ,,	.899	.317	80·0	69.0	11.0	63.2	.582	.58	80.7	78.0	,,	1.7					
10 ,,	.902	.280	78 8	69.8	9.0	65 2	.622	.65	79.9	78.0	N b W	0.8					
11 ,,	.898	.298	78.4	69.0	9 4	64.1	.600	.63	79.0	77.9	,,	0·5					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≈ cirri; ≈≈ cirro-cumuli; ⌒ cumuli; ⌒≈ cirro-strati; ⌒⌒ cumulo-strati; and ⌒≈⌒ nimbi.	
0	C	Mist along the E hor.	
0	B	Cloudless.	
0	B	,,	
0	B	Mist along the E hor.	
0	B	,, ,,	
0	G	,, ,,	
0	G	,, ,,	
0	G	Cloudless.	
0	G	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	Cloudless.	
0	B	,,	Mean daily temperature of ground 20 and 60 inches below its surface 80°1 and 81°5.
0	B	,,	
0	B	,,	
0	B	,,	
0	G	,,	
0	G	Mist along the W hor.	
0	G	Mist and fog in hor.	
0	G	,, ,,	
0	C	,, ,,	
0	C	,, ,,	
0	C	,, ,,	
0	C	Haze along the E hor.	
0	B	Cloudless.	
0	B	,,	
0	B	Haze in E hor.	
0	B	≈ scattered from W to N hor.; a few ≈≈ in E hor.; haze in E hor.	
0	G	,, ,, ,, ,, ,,	
0	G	,, ,, ,, ,, ,,	
0	G	≈ scattered along the W hor.	
0	G	,, ,,	
0	C	Cloudless.	
0	C	,,	
0	C	,,	
0	C	Cloudless.	
0	B	,,	Mean daily temperature of ground 20 and 60 inches below its surface 80°2 and 81°5. Temperature of calculated dew-point at 11 A. M. was 44°9 lowest in the month and about 24°6 lower than the normal mean. 5th March was the 10th day on which the sky was almost cloudless.
0	B	,,	
0	B	,,	
0	B	A few clouds in E hor.	
0	B	A few clouds in E hor.; dew falling.	
0	G	,, ,, ,,	
0	G	,, ,, ,,	
0	G	A few ≈ and ≈≈ in E hor.; mist around hor.	
0	G	,, ,, ,, ,,	
0	C	Mist and fog in hor.	
0	C	,, ,,	
0	C	,, ,,	
0	C	,, ,,	
0	B	Haze along the E hor.	
0	B	,, ,,	
0	B	A few ≈≈ in E hor.; haze along the E hor.	
0	B	A few ≈≈ in E hor.; haze along the E hor.; fresh breezes from NW.	
0	G	Haze along the E hor.; fresh breezes from NW.	
0	G	,, ,, ,, ,,	
0	G	Cloudless; fresh breezes from NW.	
0	G	,, ,, ,,	
0	G	,, ,, ,,	
0	G	,, ,, ,,	
0	G	,, ,, ,,	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in seconds during which the tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Mar. 7th-Midnight	29.910	29.267	77°5	70°0	7°5	66°2	0.643	0.70	78°2	79°0	E b N	0.0		+	20	20	0·4
1 a. m.	.897	.237	76.0	70.0	6.0	67.0	.660	.75	77.8	78.8	,,	0.0		+	14	12	0.35
2 ,,	.889	.217	75.6	70.2	5.4	67·6	.672	.77	77.2	78.6	,,	0·0		+	14	12	0·48
3 ,,	.877	.146	76.0	72.0	4.0	70.2	.731	.83	77.2	78.6	,,	0.0		+	10	8	1.00
4 ,,	.877	.201	74.5	70.0	4.5	67.8	.676	.81	76.2	78.5	,,	0.0		+	4		2.15
5 ,,	.879	.200	74.3	70.0	4.3	67.9	.679	.81	76.0	78.4	ENE	0.0		+	6		3.21
6 ,,	.896	.228	73.4	69.4	4.0	67.4	.668	.83	75.2	78.2	E b N	0.1		+	4		3.50
7 ,,	.916	.276	74.7	69.0	5.7	66.1	.640	.76	75.4	78.1	,,	0.2		+	4		3.42
8 ,,	.939	.301	78.0	70.0	8.0	66.0	.638	.68	77.0	78.0	E	0.2		+	2		Above 10m.
9 ,,	.948	.358	79.3	69.0	10.3	63.6	.590	.60	78.0	78.2	,,	0.2	None.	+	2		Above 10m.
10 ,,	.950	.392	81.0	68.6	12.4	61.9	.558	.54	79.1	78.3	,,	0.2		+	2		6.15
11 ,,	.932	.387	83.4	69.0	14.4	61.2	.545	.49	80.4	78.5	,,	0.2		+	4		4.50
Noon.	.899	.328	88.5	71.4	17.1	62.6	.571	.44	82.8	78.7	SW	0.1		+	8		2.12
1 p. m.	.875	.213	89.0	74.0	15.0	67.1	.662	.50	84.0	78.7	SW b W	0.1		+	1		Above 10m.
2 ,,	.847	.118	89.9	76.0	13.9	70.1	.729	.54	84.9	79.0	WSW	0.3					
3 ,,	.828	.033	89.6	77.6	12.0	72.8	.795	.59	85.0	79.2	W	0.3					
4 ,,	.821	.023	87.0	77.0	10.2	72.9	.798	.64	84.5	79.4	WNW	0.6					
5 ,,	.821	28.999	85.0	77.0	8.0	73·8	.822	.70	84.0	79.5	,,	0.4		+	10	8	0.52
6 ,,	.829	.972	81.8	77.0	4.8	75.4	.857	.81	82.0	79.5	,,	0.2		+	12	10	1.00
7 ,,	.848	.999	80.2	76.6	3.6	74.8	.849	.85	80.9	79.4	,,	0.0		+	8		1.26
8 ,,	.882	29.033	79.0	76.0	3.0	74.8	.849	.88	80.0	79.4	,,	0.0		+	1		Above 10m.
9 ,,	.896	.047	79.0	76.0	3.0	74.8	.849	.88	80.0	79.4	SW	0.3					
10 ,,	.896	.062	78.6	75.5	3.1	74.3	.834	.87	79.9	79.4	S b W	0.2					
11 ,,	.888	.090	78.0	74.4	3.6	72.9	.798	.85	79.5	79.4	,,	0.2		+	2		4.49
Mar. 8th-Midnight	.879	.087	77.2	74.0	3.2	72.7	.792	.87	79.0	79.4	SSW	0.1		+	1		Above 10m.
1 a. m.	.868	.081	77.6	74.0	3.6	72.5	.787	.85	79.0	79.4	,,	0.0		+	4		2.25
2 ,,	.864	.077	77.6	74.0	3.6	72.5	.787	.85	79.0	79.4	W b S	0.1		+	8		1.5
3 ,,	.854	.051	77.6	74.4	3.2	73.1	.803	.87	79.0	79.4	W b N	0.0		+	2		3.10
4 ,,	.840	.072	76.0	73.0	3.0	71.7	.768	.87	78.0	79.3	NNW	0.1					
5 ,,	.862	.190	75.6	70.2	5.4	67.6	.672	.77	77.4	79.1	SE	0.1		+	4		2.14
6 ,,	.866	.195	75.0	70.0	5.0	67.5	.671	.79	77.0	78.9	SE b S	0.1		+	10		12.1
7 ,,	.890	.268	75.8	68.8	7.0	65.2	.622	.71	76.5	78.9	,,	0.2		+	1		Above 10m.
8 ,,	.912	.368	78.0	69.0	9.0	64.3	.604	.64	78.0	78.8	SSE	0.2		+	1		Above 10m.
9 ,,	.926	.306	80.6	70.3	10.3	65.1	.620	.61	79.0	78.9	,,	0.1					
10 ,,	.927	.241	81.4	72.4	9.0	68.2	.686	.66	80.0	79.0	,,	0.2					
11 ,,	.922	.156	83.0	75.0	8.0	71.6	.766	.70	81.1	79.2	N b W	0.2	None.				
Noon.	.893	.086	83.2	76.1	7.1	73.2	.807	.73	81.3	79·4	,,	0.1					
1 p. m.	.864	.105	83.6	75.0	8.6	71.3	.759	.68	81.6	79.4	NW	0.6					
2 ,,	.844	.160	84.2	73.2	11.0	68.1	.684	.60	81.8	79.5	NW b N	0.5					
3 ,,	.824	.152	84.6	73.0	11.6	67.6	.672	.58	82.0	79.6	NW b W	0.6					
4 ,,	.824	.251	83.8	70.0	13.8	62.7	.573	.51	81.7	79.7	NW	0.6					
5 ,,	.817	.228	82.4	70.0	12.4	63.5	.589	.54	80.2	79.7	,,	0.4					
6 ,,	.811	.227	79.8	69.0	10.8	63.3	.584	.59	79 0	79.6	,,	0.3				•	
7 ,,	.823	.254	78.2	68.0	10.2	62.5	.569	.60	78.2	79.6	,,	0.2					
8 ,,	.840	.258	77.0	68.0	9.0	63.2	.582	.64	77.6	79.5	,,	0.0					
9 ,,	.854	.253	75.3	68.0	7.3	64.2	.601	.70	77.3	79.4	NNW	0.1		+	Out of Sc.	24	0.4
10 ,,	.859	.262	74.1	67.5	6.6	64.0	.597	.72	76.6	79.4	NNE	0.0		+	20	18	1.17
11 ,,	.859	.250	74.5	68.0	6.5	64.6	.609	.73	76.5	79.3	N b W	0.1		+	8		4.11
Mar. 9th-Midnight	.857	.227	75.6	69.0	6.6	65.6	.630	.73	76.9	79.2	NNW	0.2		+	2		Above 10m.
1 a. m.	.858	.166	76.3	71.0	5.3	68.5	.692	.78	77.2	79.2	WNW	0.2					
2 ,,	.846	.115	76.0	72.0	4.0	70.2	.731	.83	77.0	79.1	NW	0.2					
3 ,,	.841	.159	74.0	70.0	4.0	68.0	.682	.82	76.0	78.9	,,	0·0					
4 ,,	.842	.136	73.6	70.0	3.6	68.2	.686	.84	75.6	78.7	,,	0.0	None.			None.	
5 ,,	.854	.164	73.3	70.0	3.3	68.4	.690	.85	75.1	78.5	,,	0.0					
6 ,,	.863	.168	72.8	70.0	2.8	68.6	.695	.88	75.0	78.4	,,	0.1					
7 ,,	.894	.201	73.0	70.0	3.0	68.5	.693	.87	74.4	78.3	,,	0.1		+	6		2.37
8 ,,	.917	.257	76.0	70.0	6.0	67.0	.660	.75	75.5	78.2	,,	0.2		+	2		3.16
9 ,,	.929	.236	78.1	71.6	6.5	68.5	.693	.74	76.8	78.3	,,	0.2		+	4		3.56
10 ,,	.924	.225	79.6	72.2	7.4	68.8	.699	.71	78.0	78.5	,,	0.2					
11 ,,	.908	.217	80.3	72.2	8.1	68.4	.691	.68	78.8	78.6	,,	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌒ cirro-strati; ∩⌒ cumulo-strati; and ≀⌒ nimbi.	
0	C	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 80°6 and 81°6. At 2 P.M. the temperature of air was 89°9 greatest in the month, and about 5°3 greater than the normal mean; at 3 P.M. the temperature of evaporation was 77°6 greatest in the month, and only 2°6 greater than the normal mean; at 6 P.M. temperature of dew-point was 75·1 greatest during the month, and the normal mean was 69·5.
0	B	"	
0	B	"	
0	B	A few ≀≀ above E hor; slight dew falling.	
0	B	" " "	
0	G	" " "	
1	G	≀ scattered from N to SE hor.; mist around hor.	
1	G	" " "	
1	G	≀ scattered from N to SE hor.; mist and fog in hor.	
0	C	" "	
0	C	A few ≀ scattered in W hor.; mist and fog in hor.	
0	C	" " "	
0	C	" " "	
0	B	Cloudless.	7th March was the 1st day from the beginning of the year on which lightning was seen.
0	B	A few ≀≀ in E hor.	
0	B	∩ along the E hor.	
0	B	" "	
0	G	" "	
1	G	∩ and ≀≀ scattered around hor.	
1	G	" " "	
1	G	" " "	
2	C	≀≀ scattered about the sky.	
2	C	" "	
1	C	≀≀ scattered about; lightning in SE.	
4	C	≀ and ≀≀ scattered about, both moving NE; lightning in SE.	Mean daily temperature of ground 20 and 60 inches below its surface 81°0 and 81°6.
5	B	≀≀ scattered about, moving NE; lightning in S hor. at intervals of 1m.	
6	B	≀≀ scattered about, moving NE; lightning in S at intervals of 1½m.	8th March was the 2nd day from beginning of the year on which lightning was observed.—On this day wind blew in a direct circular motion.
5	B	≀≀ scattered about, moving ENE; lightning in SSE hor. at intervals of 2½m.	
4	B	" " " " "	
6	G	≀≀ scattered about moving NE; lightning in E hor.; dew falling.	
6	G	≀≀ scattered about moving NE; slight dew on grass.	
5	G	≀ and ≀≀ scattered about; the latter moving NE.	
5	G	" " "	
5	C	≀≀ and ≀ scattered about, both moving NE; mist and fog in hor.	
4	C	" " "	
4	C	≀≀ and ≀ scattered about, moving N; mist along the E hor.	
2	C	≀ and ≀≀ scattered about, both moving N.	
4	B	≀≀ scattered about moving ENE.	
3	B	" "	
3	B	≀≀ scattered about moving E.	
4	B	" " "	
4	G	∩ along the E hor.; ≀≀ scattered about moving E.	
5	G	∩ along the E hor.; ≀≀ scattered about moving NE; lightning in E hor. after 6h. 29m.	
4	G	∩ along the E hor.; ≀≀ scattered about moving NE; lightning in ESE hor. at intervals	
4	G	Clouded as before; *lightning in* ESE at intervals of 1½m. [of 1½m.	
2	C	≀≀ scattered about hor; lightning in E hor. at intervals of 2½m.	
1	C	≀≀ scattered about hor.; lightning in E hor. at intervals of 4¼m.	
0	C	A few clouds along the E hor.; lightning in E hor. at intervals of 7m.	
0	C	A few clouds along the E hor.; lightning in E hor.	Mean daily temperature of ground 20 and 60 inches below its surface 81°2 and 81°8.
0	B	A few clouds along the E hor.; lightning in E hor.	
1	B	≀≀ scattered along the E hor.; dew falling.	9th March was the 3rd day from the beginning of the year on which lightning was observed.
1	B	" " "	
1	B	" " "	
1	G	" " "	
3	G	≀≀ scattered about moving ESE; mist around hor.	
5	G	≀≀ scattered about moving SE; mist and fog in hor.	
5	G	" " " "	
3	C	≀≀ scattered about moving ESE; mist and fog in hor.	
1	C	≀≀ scattered along the E hor.; mist and fog in hor.	
0	C	A few ≀ above W hor.; mist along the E hor.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Mar. 9th-Noon.	29.882	29.177	81·7	73·0	8·7	69·0	0.705	0.67	79·7	78·8	NW	0.3					
1 p. m.	.861	.184	83.0	72.6	10.4	67.8	.677	.61	80.3	78.6	NW b W	0.4					
2 „	.848	.127	83.6	74.0	9.6	69.7	·721	.64	80.8	78.8	„	0.5					
3 „	.841	.231	83.6	71.0	12.6	64.6	.610	.55	81.0	78.9	„	0.7					
4 „	.848	.212	82.6	71.4	11.2	65.9	.636	.59	81.0	79·0	„	0.6					
5 „	.851	.201	81.4	71.4	10.0	66.6	.650	.62	80.2	79.1	„	0.6	None.	None.	None.	None.	None.
6 „	.859	.166	78.1	71.6	6.5	68.5	.693	.74	78.3	79.1	„	0·5					
7 „	·882	.202	77.4	71.0	6.4	67.9	.680	.74	78.0	78.9	NW	0.6					
8 „	.899	.250	77.0	70.0	7.0	66.5	.649	.71	77.2	78.8	„	0.6					
9 „	.923	.257	77.0	70.5	6.5	67.3	.666	.73	77.2	78.8	„	0.6					
10 „	.925	.234	76.4	71.0	5.4	68.4	.691	.77	77.0	78.8	„	0.4					
11 „	.913	.218	76.0	71.0	5.0	68.6	.695	.79	77.0	78.8	NW b N	0.4					
Mar. 10th-Midnight	.907	.212	76.0	71.0	5.0	68.6	.695	.79	77.0	78.8	NW b N	0.4					
1 a. m.	.898	.233	75.5	70.0	5.5	67.2	.665	.77	76.9	78.6	NNW	0.6					
2 „	.892	.214	74.4	70.0	4.4	67.8	.678	.81	75.9	78.5	NNE	0·1					
3 „	.890	.227	73.3	69.2	4.1	67.2	.663	.82	75.0	78.4	„	0.1					
4 „	.898	.247	73.2	68.8	4.4	66.6	.651	.81	75.0	78.3	„	0.1					
5 „	.914	.288	73.0	68.0	5.0	65.4	.626	.78	74.7	78.2	NE b N	0.3					
6 „	.945	.301	71.8	66.8	5.0	66.3	.644	.78	73.2	78.0	„	0.1					
7 „	.971	.357	72.2	66.0	6.2	65.0	.614	.73	73.5	77.9	„	0.1					
8 „	·991	.463	76.0	66.0	10.0	60.3	.528	.60	75.0	77.8	„	0.1					
9 „	30.001	.498	78.3	66.0	12.3	58.8	.503	.53	76.8	78.0	NE	0.2					
10 „	.002	.525	80.6	66.0	14.6	57.2	.477	.47	78.5	78.2	NE b N	0.1					
11 „	29.991	.475	81.5	67.5	14.0	59.6	.516	.49	79.0	78.3	NW b N	0.2	None.			None.	
Noon.	·968	.410	82.2	69.0	13 2	61.9	.558	.52	80.0	78.4	NNW	0.2					
1 p. m.	·938	.337	82.9	70.5	12.4	64.2	.601	.55	80.0	78.4	WNW	0.3					
2 „	·920	.323	83.2	70.5	12.7	64.0	.597	.54	80.7	78.5	„	0.4					
3 „	·905	.386	83.2	68.2	15.0	59.7	.519	.47	80.7	78.6	„	0.5					
4 „	·906	.376	82.2	68.2	14.0	60.4	.530	.49	80·2	78.7	„	0.6					
5 „	·908	.368	80.8	68.0	12·8	60.9	.540	.53	80.0	78.8	„	0.6					
6 „	·917	.348	78.2	68.0	10.2	62.5	.569	.60	78.2	78.8	NW b W	0.6					
7 „	·935	.357	76.8	67.8	9.0	63.0	.578	.64	77.0	78.8	„	0.5					
8 „	·957	.397	76.0	67.0	9.0	62.0	.560	.64	76.1	78.7	„	0.5					
9 „	.967	.391	76.0	67.5	8.5	62.9	.576	.65	76.1	78.6	NW	0.3					
10 „	.967	.399	74·4	66.7	7.7	62.5	.568	.68	76.0	78.6	„	0.1					
11 „	.964	.385	74.3	67.0	7.3	63.0	.579	.69	75.8	78.5	NW b W	0.1		+	4		3.5
Mar. 11th-Midnight	.963	.373	73.3	67.0	6·3	63.6	.590	.73	75.4	78.4	NW b W	0.1		+	8		2.10
1 a. m	.946	.386	72.0	65.6	6.4	62.0	.560	.72	74.2	78.0	NW	0.0		+ +	8		0.24
2 „	.933	.329	72.0	67.0	5.0	64.3	.604	.78	74.0	78.0	„	0.1		+ +	16		0.13
3 „	.930	.315	71.0	67.0	4 0	64.9	.615	.82	73.2	77.8	„	0.1		+ + +	10		0.12
4 „	.934	.347	70.6	66.0	4.6	63.4	.587	.79	72.5	77.6	„	0·1		+ +	8		0.8
5 „	.940	.346	70.0	66.0	4.0	63.8	.594	.82	71.6	77.5	NNW	0.2		+ +	8		1.10
6 „	.960	.374	69.3	65.5	3.8	63.4	.586	.83	71.0	77.3	N b W	0.1		+ +	4		3.16
7 „	.987	.438	71.2	65.0	6.2	61.4	.549	.72	72.3	77.1	„	0.1		+ +	1		Above 10m.
8 „	30.001	.494	75.0	65·0	10.0	59·0	.507	.59	73.7	77.0	„	0.1		+	1		Above 10m.
9 „	.009	·491	77.5	66.2	11.3	59.7	.518	.56	75.6	77.1	NNW	0.2					
10 „	.003	·454	80.0	68.0	12.0	61.4	.549	.55	77.8	77.3	„	0.1					
11 „	29·986	.380	81.5	70.2	11.3	64.4	.606	.58	78.5	77.5	„	0.2	None.				
Noon.	.957	.337	82.1	70.8	11.3	65.1	.620	.58	79.1	77.7	WNW	0.3					
1 p. m.	.911	.250	82.4	72.0	10.4	67.1	.661	.62	79.7	78.0	NW b W	0.2					
2 „	.882	.269	83.4	71.0	12.4	64.8	.613	.56	80.0	78.0	„	0.3					
3 „	.869	.217	83.2	72.0	11.2	66.6	.652	.59	80.2	78.0	„	0.5					
4 „	.871	.243	82.0	71.0	11.0	65.5	.628	.59	80.3	78.1	NW	0.4					
5 „	.869	.220	81.5	71.4	10.1	66.4	.649	.62	79.9	78.2	NW b N	0.5		+	2		3.24
6 „	.873	.204	78.4	71.0	7.4	67.4	.669	.70	78.0	78.2	NW	0.6		+ +	1		Above 10m.
7 „	.887	.227	76.0	70.0	6.0	67·0	.660	.75	77.1	78.1	NW b N	0.5		+ +	4		2·26
8 „	.892	.262	75.6	69.0	6.6	65.6	.630	.73	76.6	78.0	NNW	0.4		+ +	2		4·11
9 „	.909	.276	75.4	69.0	6.4	65.7	.633	.73	76.6	78.0	„	0.3		+ +	2		Above 10m.
10 „	.909	.290	73.6	68.0	5.6	65.1	.619	.76	76.2	78.0	„	0·2		+ +	20	18	0.6
11 „	.902	.274	72.0	64 6	7.4	60.3	.528	.68	75	77.9	„	0.0		+	16	14	1.41

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—*In recording these Observations, the Symbols used to denote the clouds are:* ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩ cumulo-strati; and ≀∩ nimbi.	
1	C	≀ scattered above W and N hor.; *mist* along the E hor.	
5	N	≀≀ above E and W hor.; ≀ scattered about, mist in E hor.	
6	N	≀≀ in W, SW and S; ≀ scattered about; mist in E hor.	
6	N	≀≀ in S; ≀ scattered about; mist along the E hor.	
6	N	≀ scattered about moving E.	
5	G	Clouded as before.	
7	G	" "	
7	G	" "	
7	G	" "	
4	C	" "	
3	C	" "	
3	C	" "	
1	C	≀ scattered above W and N hor.	Mean daily temperature of ground 20 and 60 inches below its surface 81°2 and 81°8.
1	N	≀ scattered around hor.	
1	N	" "	
1	N	" "	
0	N	Cloudless.	
0	G	A few ≀ around hor.	
1	G	≀ scattered along the E hor.	
1	G	≀ scattered along the E hor.; mist around hor.	
1	G	" " "	
0	C	A few ≀ above E hor; mist and fog in hor.	
0	C	" " "	
0	C	A few ≀ above E hor.; mist around hor.	
0	C	A few ≀ above E hor.; mist along the E hor.	
0	N	Mist around hor.	
0	N	" "	
0	N	" "	
0	N	" "	
0	G	" "	
0	G	A few ≀ in E hor.	
0	G	" "	
0	G	" "	
0	C	Cloudless.	
0	C	"	
0	C	"	
0	C	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 81°2 and 81°8. At 9 A. M. the height of barometer was 30·009 in. greatest during the month and about 0·095 in. greater than the normal mean height for the hour.
0	N	"	
0	N	"	
0	N	"	
0	N	"	
0	G	A few ≀ around hor.	
0	G	A few ≀ and mist around hor.	
0	G	" " "	
0	G	" " "	
0	C	A few ≀ above W hor.; mist in hor.	
0	C	" " "	
2	C	≀ scattered about hor. moving E; mist around hor.	
3	C	≀ scattered about hor. moving E; mist around hor.	
4	D	≀ scattered about; mist around hor.	
3	D	" " "	
3	D	≀ scattered about; mist around hor.	
2	D	" " "	
5	G	" " "	
6	G	" " "	
6	G	≀ scattered about.	
5	G	" "	
3	C	" "	
0	C	Cloudless.	
0	C	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lb.	in.		Sc. div.	Sc. div.	m. s.
Mar. 12th-Midnight	29.893	29.394	70°2	63°0	7°2	58°6	0.499	0.68	73°7	77°9	NNW	0.1			2		5.19
1 a. m.	.867	.396	70.0	62.0	8.0	56.8	.471	.64	73.4	77.7	,,	0.0					
2 ,,	.855	.429	71.4	61.0	10.4	53.9	.426	.55	73.2	77.4	,,	0.0					
3 ,,	.850	.292	70.4	65.0	5.4	61.9	.558	.76	73.0	77.2	,,	0.0		+	8		0.20
4 ,,	.861	.267	70.0	66.0	4.0	63.8	.594	.82	72.8	77.0	,,	0.0		+	2		1.00
5 ,,	.877	.279	69.6	66.0	3.6	64.0	.598	.84	72.1	76.8	,,	0.1		+	8		1.06
6 ,,	.900	.302	69.6	66.0	3.6	64.0	.598	.84	72.0	76.7	,,	0.2		+	1		Above 10m.
7 ,,	.918	.316	70.4	66.4	4.0	64.2	.602	.82	72.0	76.7	N b E	0.2		+	1		Above 10m.
8 ,,	.945	.395	74.0	66.0	8.0	61.5	.550	.67	74.0	76.7	,,	0.1					
9 ,,	.961	.409	76.7	67.0	9.7	61.6	.552	.61	75.6	76.9	NE b N	0.1					
10 ,,	.954	.425	78.8	67.0	11.8	60.3	.529	.55	76.8	77.1	NE b E	0.3					
11 ,,	.938	.402	81.2	68.0	13.2	60.7	.536	.51	78.1	77.3	NNW	0.3	None.			None.	
Noon.	.915	.333	81.5	69.5	12.0	63.2	.582	.56	78.9	77.4	,,	0.5		+	4		3.23
1 p. m.	.887	.355	82.2	71.0	11.2	65.4	.626	.58	79.2	77.4	NW	0.8		+	4		3.52
2 ,,	.861	.411	83.2	70.0	13.2	63.1	.580	.52	79.7	77.4	NW b N	0.5					
3 ,,	.842	.260	83.0	70.0	13.0	63.2	.582	.53	79.7	77.4	,,	0.4					
4 ,,	.856	.266	82.0	70.0	12.0	63.8	.593	.56	79.8	77.4	NNW	0.2					
5 ,,	.861	.316	80.4	68.0	12.4	61.2	.545	.55	79.6	77.4	,,	0.2					
6 ,,	.861	.357	78.2	66.0	12.2	58.9	.504	.53	79.1	77.4	,,	0.1					
7 ,,	.879	.372	75.0	65.0	10.0	59.0	.507	.59	76.8	77.2	,,	0.1					
8 ,,	.897	.381	74.2	65.0	9.2	59.6	.516	.62	75.4	77.2	,,	0.0					
9 ,,	.911	.396	73.4	65.0	8.4	60.1	.525	.65	75.2	77.2	,,	0.0					
10 ,,	.921	.350	73.0	64.0	9.0	62.6	.571	.66	74.8	77.2	,,	0.0					
11 ,,	.923	.387	72.4	65.0	7.4	60.7	.536	.67	74.2	77.1	,,	0.0					
Mar. 14th-Midnight	.928	.295	72.4	68.0	4.4	65.7	.633	.81	74.5	77.5	N	0.2					
1 a. m.	.901	.310	73.2	67.0	6.2	63.7	.591	.73	74.2	77.4	W	0.0					
2 ,,	.890	.264	73.0	68.0	5.0	65.4	.626	.78	74.0	77.3	,,	0.0					
3 ,,	.882	.256	73.0	68.0	5.0	65.4	.626	.78	74.0	77.2	,,	0.1					
4 ,,	.876	.272	72.0	67.0	5.0	64.3	.604	.78	73.8	77.0	NW	0.0					
5 ,,	.889	.308	71.7	66.2	5.5	63.1	.581	.76	73.6	76.9	NNW	0.1					
6 ,,	.914	.335	71.4	66.0	5.4	63.0	.579	.76	73.0	76.8	N	0.1					
7 ,,	.926	.341	72.6	66.6	6.0	63.3	.585	.74	73.1	76.7	,,	0.1					
8 ,,	.948	.344	75.0	68.0	7.0	64.3	.604	.71	74.0	76.7	,,	0.2					
9 ,,	.956	.307	77.0	70.0	7.0	66.5	.649	.71	75.4	76.9	NNE	0.2					
10 ,,	.951	.320	78.6	70.0	8.6	65.6	.631	.66	77.1	77.0	,,	0.1					
11 ,,	.934	.237	81.1	72.6	8.5	68.7	.697	.67	78.8	77.1	NW	0.2	None.	None.	None.	None.	None.
Noon.	.886	.177	81.4	73.0	8.4	69.2	.709	.68	79.2	77.3	,,	0.3					
1 p. m.	.842	.103	82.0	74.0	8.0	70.5	.739	.69	79.5	77.3	,,	0.2					
2 ,,	.815	.080	82.4	75.0	7.4	70.3	.735	.68	79.7	77.5	,,	0.5					
3 ,,	.802	.036	83.0	75.0	8.0	71.6	.766	.70	80.2	77.5	,,	0.2					
4 ,,	.796	.057	82.0	74.0	8.0	70.6	.739	.69	80.5	77.5	,,	0.4					
5 ,,	.821	.053	80.8	74.4	6.4	71.7	.768	.75	79.1	77.8	,,	0.6					
6 ,,	.832	.044	78.2	74.2	4.0	72.5	.788	.83	78.0	78.0	,,	0.6					
7 ,,	.851	.059	77.2	74.0	3.2	72.7	.792	.87	77.4	78.0	,,	0.5					
8 ,,	.866	.109	77.0	73.0	4.0	71.2	.757	.83	77.2	77.9	,,	0.5					
9 ,,	.894	.164	76.5	72.1	4.4	70.1	.730	.82	77.0	77.9	,,	0.2					
10 ,,	.895	.166	76.2	72.0	4.2	70.1	.729	.82	77.0	77.9	,,	0.3					
11 ,,	.888	.186	75.4	71.0	4.4	68.9	.702	.81	76.7	77.9	,,	0.0					
Mar. 15th-Midnight	.878	.228	74.5	69.2	5.3	66.6	.650	.77	76.3	77.8	NW	0.1					
1 a. m.	.860	.238	73.4	68.0	5.4	65.2	.622	.77	76.1	77.8	,,	0.0					
2 ,,	.859	.211	74.0	69.0	5.0	61.4	.648	.78	75.3	77.5	,,	0.0					
3 ,,	.846	.189	73.2	69.0	4.2	66.9	.657	.82	74.8	77.5	,,	0.0					
4 ,,	.858	.223	72.2	68.0	4.2	65.8	.635	.81	74.2	77.5	,,	0.0					
5 ,,	.867	.223	71.9	68.2	3.7	66.3	.644	.84	73.5	77.3	,,	0.0					
6 ,,	.885	.241	71.4	68.0	3.4	66.3	.644	.85	73.0	77.2	,,	0.1					
7 ,,	.906	.276	73.2	68.2	5.0	65.6	.630	.78	73.7	77.1	,,	0.1	None.	None.	None.	None.	None.
8 ,,	.935	.353	77.0	68.0	9.0	63.2	.582	.64	74.0	77.2	,,	0.2					
9 ,,	.953	.343	79.0	69.5	9.5	64.6	.610	.63	77.2	77.4	,,	0.1					
10 ,,	.951	.309	80.8	71.0	9.8	66.2	.642	.63	78.6	77.5	NNW	0.2					
11 ,,	.940	.272	82.1	72.1	10.0	67.4	.668	.62	79.7	77.7	NW	0.6					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are : ≀ cirri; ≀∩ cirro-cumuli; ∩ cumuli; ≀— cirro-strati; ∩— cumulo-strati; and ∩≀ nimbi.	
0	C	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 81°2 and 81°8.
0	D	,,	
0	D	,,	
0	D	,,	
0	D	,,	
0	G	Cloudless and dew falling.	
0	G	A few ≀∩ above E hor.; dew falling.	
0	G	A few ≀∩ above E hor.; mist and fog in hor.	
0	G	,, ,, ,,	
0	C	Mist and fog in hor.	
0	C	A few ≀ above N and W hor.; mist around hor.	
1	C	≀ scattered from N to W hor.; mist around hor.	
1	C	,, ,, ,,	
1	D	,, ,, ,,	
2	D	,, ,, ,,	
3	D	≀ scattered about the sky.	
4	D	,, ,,	
3	D	,, ,,	
3	D	,, ,,	
2	D	≀ scattered about hor.	
1	D	,, ,,	
3	D	≀ scattered about.	
0	D	Cloudless.	
0	D	,,	
0	C	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 81°0 and 81°9. Height of barometer at 4 P. M. was 29·796 in. least during the month, while the normal height for that hour was 29.810 in.
0	D	,,	
0	D	,,	
0	D	,,	
0	D	A few clouds above SE hor.	
0	G	A few ≀ around hor.	
1	G	≀ scattered from N to SE hor.; mist around hor.	
2	G	,, ,, ,,	
2	G	,, ,, ,,	
0	C	A few ≀ above W and E hor.; mist around hor.	
0	C	,, ,, ,, ,,	
0	C	A few ≀ above E hor.; mist around hor.	
0	C	,, ,, ,,	
0	D	,, ,, ,,	
0	D	Mist around hor.	
0	D	,, ,,	
2	D	≀ scattered about.	
5	G	,, ,,	
5	G	,, ,,	
5	G	,, ,,	
5	G	,, ,,	
0	C	Cloudless.	
0	C	,,	
0	C	,,	
0	C	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 81°0 and 81°9.
0	D	,,	
0	D	,,	
0	D	A few clouds above E and SE hor.	
0	D	,, ,, ,,	
0	G	A few ≀ above E hor.; dew falling.	
1	G	≀ scattered along the E hor.; dew falling.	
5	G	≀ scattered about; mist around hor.	
5	G	,, ,, ,,	
5	C	≀ scattered about moving NNE; mist in hor.	
6	C	,, ,, ,,	
5	C	≀ scattered about moving NE; mist in hor.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between the instant of discharge and the instant of the first tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Mar. 15th-Noon.	29.898	29.238	82°8	72°1	10°7	67°0	0.660	0.60	80°3	77°9	NW	0.6					
1 p. m.	.853	.201	83.2	72.0	11.2	66.6	.652	.59	80.4	78.0	,,	1.2					
2 ,,	.829	.179	83.4	72.0	11.4	66.6	.650	.58	80.5	78.0	NW b N	1 0					
3 ,,	.812	.160	83.2	72.0	11.2	66.6	.652	.59	80.7	78.0	NNW	1.3					
4 ,,	.813	.147	82.0	72.0	10.0	67.2	.665	.62	80.6	78.0	N b W	1.0					
5 ,,	.829	.158	81.2	72.2	9.0	67.5	.671	.66	79.5	78.1	N	1.2	None.	None.	None.	None.	None.
6 ,,	.845	.099	78.0	73.0	5.0	70.8	.746	.79	78.0	78.2	NW	1.4					
7 ,,	.878	.198	77 4	71.0	6.4	67.9	.630	.74	77.7	78.2	N	0.8					
8 ,,	.886	.202	77.0	71.0	6.0	68.1	.684	.75	77.5	78.1	,,	0 8					
9 ,,	.904	.217	76·7	71.0	5.7	68.2	.687	.76	77.5	78.1	N b E	0.7					
10 ,,	.905	.212	76.2	71.0	5.2	68.5	.693	.78	77.2	78.1	N	0.2					
11 ,,	.898	.185	76.0	71.5	4.5	69.4	.713	.81	77.0	78.1	,,	0.2					
Mar.16th-Midnight	.883	.165	75·6	71.5	4.1	69.6	.718	.83	77.0	78.1	N b E	0.3					
1 a. m.	.851	.180	75.0	70.0	5.0	67.5	.671	.79	76.8	78.0	,,	0.0		+	3		0.20
2 ,,	.846	.166	74.2	70.0	4.2	67.9	.680	.81	75.4	77.9	NNE	0.1		+	8	6	0·4
3 ,,	.842	.151	73.2	70.0	3.2	68.4	.691	.86	75.1	77.7	,,	0.1		+	6		0.5
4 ,,	.852	.193	73.0	69.0	4.0	67.0	.659	.82	75·0	77.6	,,	0.1		+	4		0.4
5 ,,	.869	.210	73·0	69.0	4.0	67.0	.659	.82	74.4	77.5	NE b N	0.0		+	6		1.10
6 ,,	.900	.231	72.8	69.2	3.6	67.4	.669	.84	74.1	77.5	NE b N	0.1		+	10	8	0.26
7 ,,	.926	.255	75.0	70.0	5.0	67.5	.671	.79	75.0	77.5	,,	0.2		+	12	10	1.10
8 ,,	.951	.302	77.2	71.2	6.0	66.5	.649	.75	76.1	77.6	,,	0.1		+	8	6	1.38
9 ,,	.957	.259	79.0	72.0	7.0	68.7	.648	.72	77.7	77·7	,,	0.1		+	6		2.26
10 ,,	.954	.202	80.8	74.0	6.8	71.0	.752	.73	79.0	77.9	NNE	0·2	None.	+	2		Above 10m.
11 ,,	.940	.187	81.6	74·2	7.4	71.0	.751	.71	79.8	78.1	N	0.2					
Noon.	.918	.167	83.0	74.6	8.4	71 0	.751	.68	80.5	78.3	NNW	0.2					
1 p. m.	.866	.109	83·8	75.0	8.8	71·2	.757	·67	80.7	78.3	NW	0.1					
2 ,,	.847	.133	84.2	74.0	10.2	69.4	.714	.62	80.8	78.3	,,	0.7					
3 ,,	.830	.113	84.0	74.0	10.0	69.6	.717	.63	80.9	78 3	NNW	0.8					
4 ,,	.834	.112	83.5	74.0	9.5	69 8	.722	·65	81.0	78.3	,,	0 5					
5 ,,	.847	.105	82.4	74.2	8.2	70.6	.742	.67	80 4	78.6	,,	0.4					
6 ,,	.859	.096	79.8	74.0	5.8	71.5	.763	.77	80·0	78·8	,,	0.6					
7 ,,	.890	.133	78.7	73.5	5.2	71.2	.757	.79	79.1	78.8	,,	0.5					
8 ,,	.913	.171	78.4	73.0	5.4	70 6	.742	.78	78 5	78.8	,,	0 6					
9 ,,	.931	.189	78.4	73.0	5.4	70.6	.742	.78	78.5	78.8	,,	0.3					
10 ,,	.932	.191	77·8	72.8	5·0	70.6	·741	.79	78.4	78.8	NW b N	0.5					
11 ,,	.927	.174	77.4	73.0	4.4	71.1	·753	.82	78.2	78.7	,,	0.8					
Mar.17th-Midnight	.923	.179	76.5	72.5	4.0	70.7	.744	.83	77.6	78.7	NNW	1.0					
1 a. m.	.900	.229	75.0	70.0	5·0	67.5	.671	.79	77.4	78.9	,,	0.3					
2 ,,	.887	.216	75·0	70.0	5.0	67.5	.671	.79	·77.3	78.5	N	0.2					
3 ,,	.880	.232	74·0	69.0	5.0	66.5	.648	.78	76.4	78.4	N b E	0.1					
4 ,,	.875	.216	73.0	69.0	4·0	67.0	·659	.82	75.8	78.3	,,	0.0					
5 ,,	.892	.213	71.2	69.0	2 2	67.9	·679	.90	74.8	78.1	,,	0.0					
6 ,,	.899	.229	72.0	69.0	3.0	67.1	·670	.87	74·2	78.0	N	0 1					
7 ,,	·926	.275	74 4	69.2	5.2	66.6	.651	.82	74.6	77.9	N b E	0.1					
8 ,,	.950	.314	77.1	69.0	8.1	65 9	·636	.74	75.7	77.9	,,	0.1					
9 ,,	.961	.345	80.0	70.0	10.0	64.9	·616	.62	77.7	78.0	NE	0.2					
10 ,,	.958	.319	81.7	71.2	10.5	66.0	·639	.61	79.3	78.2	NE b E	0.3	None.	None.	None.	None.	None.
11 ,,	.942	.253	83.2	73.0	10.2	68.3	·689	.62	80.2	78.4	WNW	0.2					
Noon.	.917	.237	84.6	73.2	11.4	67.9	·680	.59	81.6	78.6	NW b W	0.3					
1 p. m.	.883	.139	85.0	75.0	10.0	70.7	.744	.64	81.8	78.7	,,	0.4					
2 ,,	.856	.145	84.5	74.0	10.5	69.3	.711	.62	82.0	78.8	WNW	0.5					
3 ,,	.832	.123	84.7	74.0	10.7	69.2	.709	.61	82.1	78.9	,,	0.5					
4 ,,	.827	.154	84.5	73.0	11.5	67.6	.673	.59	82.1	78.9	NW	0.3					
5 ,,	.847	.163	84.2	73.2	11.0	68.1	.684	.60	81.8	79.0	,,	0.5					
6 ,,	.854	.150	81.8	73.0	8.8	69.0	.704	.67	80.7	79.2	,,	0.6					
7 ,,	.880	.163	80.6	73.0	7.6	69.6	·717	.70	80.0	79.2	,,	0.5					
8 ,,	.893	.169	80.0	73.0	7.0	69·9	·724	.72	79.8	79 1	,,	0.6					
9 ,,	·910	.179	79.4	73.0	6.4	70 2	·731	.74	79.5	79.1	,,	0.9					
10 ,,	·914	.196	78 5	72·4	6.1	69.6	·718	·75	79 4	79.1	,,	0.8					
11 ,,	·911	.202	78.0	72.0	6.0	69·2	·709	.76	78.6	79.0	NNW	0.7					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀ cirro-cumuli; ≀ cumuli; ≀ cirro-strati; ≀ cumulo-strati; and ≀ nimbi.	
4	C	≀ scattered about, moving NE; mist along the E hor.	
3	D	" " "	
3	D	" " "	
2	D	≀ scattered about hor.; mist along the E hor.	
2	D	≀ scattered about; mist along the E hor.	
4	G	" " "	
4	G	" " "	
4	G	≀ scattered about the sky.	
4	G	" "	
4	C	≀ scattered about moving NE.	
3	C	" "	
3	C	≀ scattered about, moving E.	
2	C	≀ scattered about the sky.	Mean daily temperature of ground 20 and 60 inches below its surface 81°0 and 84°9.
1	D	≀ scattered about hor.	
2	D	" "	
2	D	≀ scattered about the sky.	
1	D	" "	
4	G	≀ scattered about; dew falling.	
5	G	" "	
6	G	≀ scattered about; mist around hor.	
6	G	" " "	
6	C	" " "	
5	C	≀ scattered about moving E; mist around hor.	
4	C	" " "	
5	C	" " "	
3	D	≀ scattered about hor.	
2	D	≀ scattered here and there.	
2	D	" "	
0	D	≀ scattered about hor.	
4	G	≀ scattered about; mist along the E hor.	
4	G	" " "	
4	G	≀ scattered about the sky.	
2	G	≀ scattered about hor.	
0	C	Cloudless.	
0	C	"	
0	C	Cloudless; fresh breezes from NW	
0	C	Cloudless; fresh breezes of wind blowing from NW.	Mean daily temperature of ground 20 and 60 inches below its surface 81°0 and 82°0.
0	D	Cloudless.	
0	D	"	
0	D	"	17th March was the 11th day on which the sky was almost cloudless.
0	D	"	
0	G	Cloudless; dew falling.	
0	G	A few ≀ above E hor.; mist around hor.	
0	G	" "	
0	G	Mist and fog in hor.	
0	C	" "	
0	C	A few ≀ above W hor.; mist around hor.	
0	C	" " "	
0	C	A few ≀ above W hor.; mist along the E hor.	
0	D	" "	
0	D	Mist along the E hor.	
0	D	" "	
0	D	" "	
0	G	" "	
0	G	" "	
0	G	Cloudless.	
0	G	"	
0	C	Cloudless; fresh breezes of wind from NW.	
0	C	" " "	
0	C	Cloudless.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Mar. 18th-Midnight	29.909	29.193	77°4	72°0	5°4	69°5	0·716	0·78	78°4	79°0	NW b N	0.3		+	8		1.5
1 a. m.	.884	.193	76·4	71.0	5.4	68.4	.691	.77	77.3	78.9	NNW	0.1		+	7		0.05
2 „	.873	.202	75.0	70.9	5.0	67.5	.671	.79	77.1	78.8	„	0.0		+	4		0.10
3 „	.854	.183	75.0	70.0	5.0	67.5	.671	.79	76.7	78.6	„	0.0		+	15		0.04
4 „	.845	.163	74.0	70.0	4.0	68.0	.682	.83	76.2	78.5	„	0.0		+	15		0.05
5 „	.863	.169	72.9	70.0	2.9	68.6	.694	.87	75.3	78.5	„	0.2		+	20	18	0.16
6 „	.890	.220	72.0	69.0	3.0	67.5	.670	.87	74.7	78.5	„	0.1		+	8		1.00
7 „	.908	.264	74.4	69.0	5.4	66.4	.644	.77	75.0	78.4	„	0.2		+	6		2.38
8 „	.917	.300	77.5	69.2	8.3	65.0	.617	.77	76.9	78.4	N b W	0.3		+	4		3.09
9 „	.931	.314	80.2	70.1	10.1	65.0	.617	.61	78.3	78.5	„	0.3					
10 „	.924	.261	82.2	72.0	10.2	67.2	.663	.62	80.0	78.7	NNW	0.3					
11 „	.898	.192	82.7	73.3	9.4	69.1	.706	.65	80·7	78.8	NW b W	0.6					
Noon.	.876	.136	84.0	74.6	9.4	70 5	.740	.65	81.3	78.9	„	0.8	None.				
1 p. m.	.843	.126	84.0	74.0	10.0	69.6	.717	.63	81.5	78.9	NNW	0.5					
2 „	.805	.103	85.4	74.0	11.4	68.9	.702	.59	82.1	79.2	„	0.2					
3 „	.798	.063	85.8	75.0	10.8	70.3	.735	.61	82.3	79.4	N b W	0.1					
4 „	.805	.061	85·0	75.0	10.0	70.7	.744	.64	82.4	79.5	NNW	0.1					
5 „	.833	.074	83.6	75.0	8.6	71.3	.759	.68	81.9	79.5	„	0.3					
6 „	.841	.056	80.9	74.9	6.0	72.4	.785	.76	80.1	79.5	WNW	0.2					
7 „	.864	.092	79.0	74.0	5.0	71.8	.772	.80	79.0	79.5	„	0.4					
8 „	.892	.111	78.2	74.0	4.2	72.2	.781	.83	78.6	79.5	„	0.3					
9 „	.908	.184	76.6	72.0	4.6	69.9	.724	.81	78.0	79.5	„	0.2					
10 „	.910	.186	76.6	72.0	4.6	69.9	.724	.81	78.0	79.5	S b E	0.2					
11 „	.906	.147	76.8	73.0	3.8	71.3	.759	.84	78.0	79.4	„	0.1					
Mar. 19th-Midnight	.899	.152	75.6	72.3	3.3	70.8	.747	.86	77.7	79.3	S b E	0.1					
1 a. m.	.865	.228	75.0	69.0	6.0	65·9	.637	.75	76.3	78.9	„	0.0					
2 „	.866	.242	73.2	68.0	5.2	65.3	.624	.77	75.4	78.7	„	0.0					
3 „	.837	.211	73.0	68.0	5.0	65.4	.626	.78	74.8	78.6	„	0.0					
4 „	.844	.207	72.0	68·0	4.0	65.9	.637	.82	74·2	78.5	„	0.0					
5 „	.859	.223	71.8	68.5	3.3	66.8	.656	.85	74.0	78.4	„	0.3		+	6		2.10
6 „	.882	.245	72.0	68.0	4.0	65.9	.637	.82	74.0	78.4	„	0.2		+	2		4.46
7 „	.896	.284	74.8	68.2	6.6	64.7	.612	.72	74.7	78·4	„	0.1		+	10		1.20
8 „	.917	.321	77.2	68.5	8.7	63.9	.596	.65	76.9	78.4	SSE	0.2		+	8		2.9
9 „	.934	.294	78.5	70.2	8.3	66.1	.640	.67	78.0	78.5	„	0.2		+	2		Above 10m.
10 „	.930	.226	79.8	72.4	7.4	69.0	.704	.71	78.7	78.6	„	0.2					
11 „	.910	.245	82.0	72.0	10.0	67.2	.665	.62	79.8	78.8	W	0.2					
Noon.	.887	.260	83.8	71.5	12.3	65.4	.627	.56	81.0	79.0	WNW	0.4	None.			None.	
1 p. m.	.852	.224	85.4	72.0	13.4	65.5	.628	.53	81.4	79.0	NW b W	0.1					
2 „	.817	.189	85.4	72.0	13.4	65.5	.628	.53	81.8	79.0	NW	0.1					
3 „	.808	.140	85.0	73.0	12.0	67.4	.668	.57	82.1	79.2	„	0.1					
4 „	.805	.130	84.2	73.0	11.2	67.7	.675	.59	82.2	79.4	„	0.6					
5 „	.831	.146	83.5	73.0	10.5	68.1	.685	.62	81.8	79.5	NW b N	0.5					
6 „	.847	.169	80.0	72.0	8.0	67.8	.678	.69	80.6	79.7	„	0.3		+	4		2.16
7 „	.879	.210	78.4	71.0	7.4	67.4	.669	.70	80.0	79.9	„	0.4		+	8		1.10
8 „	.897	.243	77.2	70.2	7.0	66.7	.654	.71	78.9	79.8	„	0·1		+	8		1.11
9 „	.910	.270	75.4	69.2	6.2	66.1	.640	·74	78.2	79.7	„	0.2		+	10		0.48
10 „	.911	.274	75.0	69.0	6.0	65.9	.637	.75	77.9	79.6	„	0.3		+	4		4.21
11 „	.905	.234	75.0	70.0	5.0	67.5	.671	.79	77.4	79.4	WSW	0.1		+	4		4.32
Mar. 21st-Midnight	.850	.130	77.0	72.0	5.0	69.7	.720	.79	77.7	79.0	NNW	0.3					
1 a. m.	.842	.184	76.2	70.0	6.2	66.9	.658	·74	77·1	78.9	NW b N	0.7					
2 „	.833	.169	75.6	70.0	5.6	67.2	.664	.77	76.6	78.8	NNW	0.5					
3 „	.831	.163	75.3	70.0	5.3	67.4	.668	·77	76.4	78·7	N b W	0.3					
4 „	.829	.154	74.6	70.0	4.6	67.7	.675	.80	76.2	78.6	„	0·4					
5 „	.823	.143	74.2	70.0	4.2	67.9	.680	.81	76.0	78.4	„	0.2					
6 „	.830	.176	72.8	69.7	3.1	66.7	.654	.86	74.9	78.3	„	0.2	None.	None.	None.	None.	None.
7 „	.858	.221	73.9	68.9	5.0	65·9	.637	.78	74·9	78.4	N b E	0.3					
8 „	.884	.258	76.0	69.0	7.0	65.4	.626	.71	76.5	78.4	NNE	0.2					
9 „	.895	.329	79.7	68.4	11.3	62.3	.566	.57	78.2	78.4	N b E	0.2					
10 „	.899	.341	82.2	69.0	13.2	61.9	.558	.52	79.6	78.6	N b W	0.3					
11 „	.886	.265	83.3	71.2	12.1	65.2	.621	.56	80.6	78.8	NNW	0.5					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌣ cirro-strati; ⌒≀ cumulo-strati; and ≀≀ nimbi.	
0	C	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 81°2 and 82°0.
0	D	"	
0	D	"	
0	D	"	
0	D	"	
0	G	Cloudless and dew falling.	
0	G	A few ≀ above E hor.; mist around hor.	
1	G	≀ scattered here and there; mist and fog in hor.	
5	G	≀ scattered about moving SE; mist and fog in hor.	
5	C	" " " "	
5	C	≀ scattered about moving SE; mist around hor.	
3	C	" " " "	
3	C	≀ scattered about moving ESE; mist around hor.	
1	D	≀ scattered here and there; mist around hor.	
2	D	" "	
2	D	≀ scattered about moving SE.	
1	D	≀ scattered around hor.	
2	G	≀ scattered about hor.	
2	G	" "	
2	G	" "	
5	G	≀ scattered here and there.	
3	C	" "	
3	C	≀ scattered here and there; dew falling.	
1	C	≀ scattered about hor; dew falling.	
0	C	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 81°4 and 82°0.
0	D	≀ scattered from NE to SW hor; dew falling.	
1	D	≀ scattered about; dew falling.	
0	D	Cloudless; dew falling.	
0	D	" "	
1	G	≀ scattered about hor.; dew falling copiously.	
4	G	≀ scattered about; dew falling.	
5	G	≀ scattered about, moving N; mist and fog in hor.	
5	G	" " " "	
5	C	" " " "	
5	C	≀ scattered about moving NE; mist around hor.	
5	C	" " "	
5	C	" " "	
3	D	" " "	
1	D	≀ scattered along the E hor; mist around hor.	
1	D	" " "	
1	D	" " "	
3	C	≀ scattered about hor.; mist around hor.	
2	C	≀≀ above S hor.; ≀ scattered about.	
3	C	≀ and ≀≀ scattered about, moving E.	
4	C	" " "	
3	C	" " "	
2	C	≀ scattered about hor.	
2	C	" "	
6	C	≀ and ≀≀ scattered, both moving ESE.	Mean daily temperature of ground 20 and 60 inches below its surface 81°6 and 82°0.
4	B	≀≀ scattered about moving ENE; ≀ scattered here and there.	
6	B	≀ and ≀≀ scattered about, the latter moving ENE.	
3	B	≀ and ≀≀ scattered about hor.	
2	B	" " "	
4	G	≀ and ≀≀ scattered about, the latter moving SE; dew falling.	
4	G	" " " "	
4	G	≀ and ≀≀ scattered about, the latter moving SE; mist and fog in hor.	
4	G	" " " "	
3	C	≀ and ≀≀ scattered about hor; mist around hor.	
0	C	Mist around hor.	
0	C	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Mar. 21st-Noon.	29.860	29.229	84°4	71°8	12°6	65°6	0.631	0.55	81°3	78°9	NW b N	0.5					
1 p. m.	.842	.208	85.5	72.2	13.3	65.8	.634	.54	81.9	78.9	NW	0.7					
2 „	.830	.208	85.9	72.0	13.9	65.2	.622	.52	82.0	79.0	WNW	0.6					
3 „	.815	.158	86.0	73.0	13.0	66.9	.657	.54	82.5	79.2	„	0.5					
4 „	.815	.150	85.3	73.0	12.3	67.2	.665	.56	82.5	79.4	„	0.3					
5 „	.815	.136	84.0	73.0	11.0	67.9	.679	.60	81.7	79.4	„	0.2					
6 „	.831	.109	80.8	73.2	7.6	69.8	.722	.70	80.2	79.4	W b N	0.2	None.	None.	None.	None.	None.
7 „	.849	.137	78.7	73.0	5.7	69.3	.712	.77	79.0	79.4	W	0.2					
8 „	.882	.101	78.2	74.0	4.2	72.2	.781	.83	78.6	79.3	W b N	0.2					
9 „	.903	.113	77.4	74.0	3.4	72.6	.790	.86	78.5	79.3	„	0.1					
10 „	.907	.148	76.8	73.8	3.0		.789	.87	78.4	79.3	WSW	0.1					
11 „	.903	.128	76.4	73.3	3.1		.775	.87	77.8	79.2	„	0.2					
Mar. 22nd-Midnight	.897	.161	75.5	72.0	3.5	70.4	.736	.85	77.4	79.2	WSW	0.2					
1 a. m.	.882	.149	75.8	72.0	3.8	70.2	.733	.85	77.2	79.1	W b S	0.1					
2 „	.864	.179	75.3	70.5	4.8	68.1	.685	.79	76.6	79.0	W b N	0.3					
3 „	.854	.178	74.5	70.0	4.5	67.8	.676	.81	76.1	78.9	„	0.0					
4 „	.853	.180	73.6	69.6	4.0	67.6	.673	.83	75.4	78.8	WNW	0.1					
5 „	.852	.179	73.6	69.6	4.0	67.6	.673	.83	75.0	78.7	„	0.2					
6 „	.868	.213	73.4	69.0	4.4	66.8	.655	.81	74.8	78.6	ESE	0.3					
7 „	.901	.251	75.7	69.6	6.1	66.6	.650	.75	75.5	78.6	„	0.2					
8 „	.926	.288	78.0	70.0	8.0	66.0	.638	.68	77.0	78.6	„	0.2					
9 „	.935	.275	79.2	71.0	8.2	67.0	.660	.68	78.4	78.7	„	0.2					
10 „	.932	.244	79.9	72.0	7.9	68.3	.688	.69	79.2	78.8	„	0.1					
11 „	.924	.251	81.3	72.0	9.3	67.6	.673	.64	79.7	78.9	„	0.1	None.	None.	None.	None.	None.
Noon.	.902	.211	83.0	73.0	10.0	68.4	.691	.63	80.3	79.0	NW b W	0.3					
1 p. m.	.871	.226	83.8	72.0	11.8	66.3	.645	.57	81.0	79.0	WNW	0.4					
2 „	.844	.180	83.8	72.5	11.3	67.2	.664	.59	81.3	79.1	„	0.6					
3 „	.826	.216	83.6	71.0	12.6	64.6	.610	.55	81.2	79.3	NW b W	0.6					
4 „	.826	.229	83.2	70.5	12.7	64.0	.597	.54	80.9	79.3	„	0.5					
5 „	.837	.215	80.8	70.4	10.4	65.2	.622	.61	80.0	79.3	„	0.4					
6 „	.858	.228	78.7	70.0	8.7	65.6	.630	.66	79.1	79.3	„	0.3					
7 „	.870	.232	78.0	70.0	8.0	66.0	.638	.68	78.9	79.2	„	0.2					
8 „	.885	.227	76.2	70.0	6.2	66.9	.658	.74	77.7	79.1	„	0.3					
9 „	.907	.281	76.0	69.0	7.0	65.4	.626	.71	77.2	79.0	„	0.2					
10 „	.907	.257	75.7	69.6	6.1	66.6	.650	.75	77.0	79.0	„	0.2					
11 „	.906	.269	75.0	69.0	6.0	65.9	.637	.75	76.7	79.0	„	0.2					
Mar. 24th-Midnight	.878	.197	75.4	70.4	5.0	68.0	.681	.79	76.8	79.0	NW	0.1					
1 a. m.	.875	.204	75.0	70.0	5.0	67.5	.671	.79	76.4	78.9	„	0.3					
2 „	.866	.195	75.0	70.0	5.0	67.5	.671	.79	76.2	78.7	NW b N	0.5					
3 „	.843	.168	74.6	70.0	4.6	67.7	.675	.80	75.3	78.6	NNW	0.2		+	10	10	Not observd.
4 „	.851	.169	74.0	70.0	4.0	68.0	.682	.83	74.3	78.5	„	0.2		+	6		Not observd.
5 „	.856	.185	72.2	69.1	3.1	67.5	.671	.86	74.3	78.5	N b W	0.2		+	4		Not observd.
6 „	.871	.196	71.8	69.1	2.7	67.7	.675	.88	73.8	78.3	N b E	0.1		+	1		Not observd.
7 „	.893	.230	72.6	69.0	3.6	67.2	.663	.84	74.0	78.1	„	0.3		+	6		Not observd.
8 „	.915	.239	74.5	70.0	4.5	67.8	.676	.81	74.9	78.1	„	0.3		+	4		Not observd.
9 „	.918	.249	78.4	71.0	7.4	67.4	.669	.70	76.5	78.2	NNE	0.2		+	2		Not observd.
10 „	.915	.228	80.0	72.0	8.0	68.2	.687	.69	78.0	78.2	ENE	0.1		+	1		Not observd.
11 „	.904	.197	82.2	73.2	9.0	69.1	.707	.66	79.2	78.4	NNW	0.2					
Noon.	.882	.149	82.5	74.0	8.5	70.2	.733	.68	80.2	78.5	NW	0.6	None.				
1 p. m.	.853	.164	83.2	73.0	10.2	68.3	.689	.62	80.6	78.6	NNW	0.8					
2 „	.835	.183	83.2	72.0	11.2	66.6	.652	.59	80.6	78.7	„	1.2					
3 „	.816	.182	85.2	72.1	13.1	65.8	.634	.54	81.0	78.8	N b W	1.6					
4 „	.810	.101	84.7	74.0	10.7	69.2	.709	.61	81.0	78.9	NNW	1.0					
5 „	.824	.089	82.4	74.0	8.4	70.3	.735	.68	80.8	79.0	NW b N	0.7					
6 „	.838	.169	80.0	71.5	8.5	67.4	.669	.67	80.0	79.1	„	0.6					
7 „	.860	.222	78.0	70.0	8.0	66.0	.638	.68	78.5	79.1	NNW	0.7					
8 „	.882	.309	77.8	68.0	9.8	62.7	.573	.62	78.3	79.1	NW b N	0.7					
9 „	.889	.314	77.6	68.0	9.6	62.8	.575	.70	78.0	79.0	„	0.8					
10 „	.889	.314	77.6	68.0	9.6	62.8	.575	.70	78.0	78.9	NW	0.7					
11 „	.888	.275	77.2	69.0	8.2	64.8	.613	.67	77.8	78.8	„	0.6					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇ cirri; ≀⌇ cirro-cumuli; ⌒⌇ cumuli; ⌣⌇ cirro-strati; ⌒⌇ cumulo-strati; and ≀⌇ nimbi.	
0	C	A few ⌇ in NW hor.	
0	B	Cloudless.	
0	B	A few ⌇ above W hor.	
0	B	" "	
0	B	" "	
0	G	Mist along the E hor.	
0	G	" "	
0	G	Cloudless.	
0	G	"	
0	C	"	
0	C	"	
0	C	"	
0	C	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 81°6 and 82°0.
0	B	" "	
0	B	A few ⌇ above NW hor.	
0	B	" "	22nd March.—Wind blew in a direct circular motion on this day.
1	B	≀⌇ scattered along the W hor. and ⌇ above N hor.	
2	G	≀⌇ scattered about hor.; dew falling.	
5	G	⌇ and ≀⌇ scattered about.	
5	G	Clouded as before; mist and fog in hor.	
5	G	" " "	
2	C	⌇ scattered along the W hor.; mist and fog in hor.	
2	C	⌇ scattered along the W hor.; mist around hor.	
1	C	" " "	
1	C	⌇ scattered along the W hor.; mist along the E hor.	
1	B	⌇ scattered along the W hor.	
2	B	" "	
2	B	" "	
2	B	" "	
2	G	⌇ scattered along the W hor. and haze along the E.	
5	G	⌇ and ≀⌇ scattered about, the latter moving E.	
5	G	" " "	
5	G	" " "	
2	G	⌇ scattered here and there.	
2	G	" "	
2	G	" "	
0	C	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 81°6 and 82°0.
2	B	⌇ scattered about hor.	
3	B	" "	
6	G	⌇ scattered about moving E.	24th March.—Wind blew in a retrograde circular motion.
6	G	⌇ scattered about moving SE; dew falling.	
5	C	" " "	
6	C	≀⌇ above W hor.; ⌇ scattered about the sky.	
8	B	⌇ scattered about moving ENE; mist around hor.	
8	B	⌇ scattered thoughout, moving ENE; mist in hor.	
6	G	D ⌇ scattered throughout, moving SE; mist in hor.	
6	G	" " "	
6	C	" " "	
6	C	" " "	
7	B	" " "	
7	B	" " "	
7	G	D ⌇ scattered throughout, moving E; haze in E hor.	
7	G	" " "	
7	C	" " "	
7	C	" " "	
7	B	" " "	
7	B	" " "	
8	G	Lightly overcast with ⌇ moving E; lunar halo at 9h. 50m.	
8	G	" " " "	
8	C	" " " "	

BOMBAY METEOROLOGICAL OBSERVATIONS, 1864.

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Mar. 26th-Midnight	29.894	29.156	75·4	72·0	3·4	70·5	0.738	0.85	77·0	79·1	NW	0.2					
1 a. m.	.886	.147	75.3	72.0	3.3	70.5	.739	.81	77.0	79.0	,,	0.6					
2 ,,	.866	.133	75.8	72.0	3.8	70.2	.733	.84	77.0	79.0	,,	0.6					
3 ,,	.858	.120	75.4	72.0	3.4	70.5	.738	.85	77.0	78.9	NW b N	0.3					
4 ,,	.857	.151	75.0	71.0	4.0	69.1	.706	.83	76.5	78.8	,,	0.3					
5 ,,	.861	.183	74.4	70.0	4.4	67.8	.678	.81	76.1	78.7	,,	0.2					
6 ,,	.890	.212	74.4	70.0	4.4	67.8	.678	.81	75.6	78.6	,,	0.1					
7 ,,	.918	.180	75.4	72.0	3.4	70.5	.738	.85	75.7	78.6	NNW	0.2					
8 ,,	.938	.229	78.0	72.0	6.0	69.2	.709	.76	77.5	78.6	N	0.2					
9 ,,	.949	.244	80.0	72.5	7.5	69.0	.705	.70	78.7	78.7	ENE	0.1					
10 ,,	.946	.229	80.6	73.0	7.6	69.6	.717	.70	79·4	78.9	,,	0.1					
11 ,,	.938	.237	82.1	73.0	9.1	68.9	.701	.66	80.1	79.0	NW	0.1	None.	None.	None.	None.	None.
Noon.	.911	.191	83.7	74.0	9.7	69.7	.720	.64	81.1	79.1	WSW	0.3					
1 p. m.	.884	.223	85.6	73.0	12.6	67.1	.661	.56	82.0	79.2	W	0.6					
2 ,,	.868	.175	86.2	74.0	12.2	68.5	.693	.57	82.3	79.4	W b N	0.6					
3 ,,	.849	.135	85.3	74.3	11.0	69.4	.714	.60	82.3	79.6	,,	0.5					
4 ,,	.841	.132	84.7	74.0	10.7	69.2	.709	.61	82.2	79.7	,,	0.5					
5 ,,	.847	.131	84.4	73.2	8.2	69.5	.716	.68	81·0	79.8	,,	0.6					
6 ,,	.857	.153	79.5	72.3	7.2	69.0	.704	.72	80·0	79.9	,,	0.2					
7 ,,	.872	.169	78.5	72.0	6.5	69.0	.703	.74	79.2	79.9	,,	0.1					
8 ,,	.897	.188	78.0	72.0	6.0	69.2	.709	.76	79·0	79.8	,,	0.2					
9 ,,	.912	.194	77.2	72.0	5.2	69.6	.718	.78	78.6	79·7	,,	0.1					
10 ,,	.913	.193	77.0	72.0	5.0	69.7	.720	.79	78.2	79.5	WNW	0.1					
11 ,,	.907	.203	76.5	71.4	5.1	69.0	.704	.79	77·9	79.4	,,	0.1					
Mar. 28th-Midnight	.886	.215	75.0	70.0	5·0	67.5	.671	.79	76.6	79.1	W	0.1					
1 a. m.	.878	.203	74.6	70.0	4.6	67.7	.675	.80	76.1	79.0	,,	0.0					
2 ,,	.863	.184	74.3	70.0	4.3	67.9	.679	.81	76.0	78.8	,,	0.1					
3 ,,	.856	.187	73.7	69.5	4.2	67.4	.669	.82	75.5	78.6	,,	0·0					
4 ,,	.856	.187	73.7	69.5	4.2	67·4	.669	.82	75.4	78.6	,,	0.2					
5 ,,	.862	.205	73.2	69.0	4.2	66.9	.657	.82	75.0	78.5	ESE	0.1					
6 ,,	.879	.190	74.0	70.2	3.8	68.3	.689	.83	75.0	78.4	,,	0.3					
7 ,,	.895	.199	74.6	70·6	4.0	68.6	.696	.83	75.0	78.4	SE	0·2					
8 ,,	.919	.224	76.0	71.0	5.0	68.6	.695	.79	76.0	78.4	SE b S	0.2					
9 ,,	.936	.230	78.3	72.0	6·3	69.1	.706	.74	78.0	78.5	SE	0.2					
10 ,,	.934	.223	81.2	73.0	8.2	69.3	.711	.68	79.6	78.6	,,	0.2					
11 ,,	.931	.229	82.0	73·0	9.0	68.9	.702	.66	80.1	78.8	SSE	0.2	None.	None.	None.	None.	None.
Noon.	.918	.211	83.2	73.5	9.7	69.1	.707	.64	80.8	78.9	WNW	0.3					
1 p. m.	.887	.203	83.6	73.0	10.6	68.1	.684	.61	81.0	79.0	,,	0.4					
2 ,,	.872	.213	84.2	72.5	11.7	67.0	.659	.58	81.2	79.0	,,	0.3					
3 ,,	.845	.177	85.0	73.0	12.0	67.4	.663	.57	81.6	79.2	,,	0.4					
4 ,,	.841	.204	84.5	72·0	12.5	65.9	.637	.55	81.6	79.3	,,	0.4					
5 ,,	.842	.192	83·4	72.0	11.4	66·6	.650	.58	80.7	79.3	W b N	0.3					
6 ,,	.847	.160	80.0	72.0	8.0	68.2	.687	.69	80.0	79.4	W b S	0.2					
7 ,,	.859	.156	78.5	72·0	6.5	69.0	.703	.74	78.9	79.4	W	0.2					
8 ,,	.880	.139	77.8	72·8	5.0	70.6	.741	.79	78.0	79.4	,,	0.1					
9 ,,	.897	.140	77·0	73.0	4·0	71.2	.757	.83	77.8	79.3	,,	0.4					
10 ,,	.898	.169	76·2	72.0	4.2	70.1	.729	.82	77.4	79.3	NW b W	0.1					
11 ,,	.895	.193	75.4	71.0	4.4	68.9	.702	.81	77.0	79.2	,,	0.1					
Mar. 29th-Midnight	.888	.201	74.5	70.3	4.2	68.2	.687	.82	76.6	79.2	NW b W	0.1					
1 a. m.	.873	.192	74·1	70.0	4·1	68·0	.681	.82	76.1	79.1	,,	0·1					
2 ,,	.852	.166	7·6	70·0	3.6	68.2	.686	.84	75.6	78.9	,,	0.0					
3 ,,	.853	.154	74.0	70.5	3.5	68.8	.699	.85	75.6	78.7	,,	0.0					
4 ,,	.862	.158	73.6	70.5	3.1	69.0	.704	.86	75.4	78.6	,,	0·0	None.	None.	None.	None.	None.
5 ,,	.867	.178	73.4	70.0	3.4	68.3	.689	.85	75.0	78·5	,,	0.1					
6 ,,	.889	.220	73.7	69·5	4.2	67.4	.669	.82	75.0	78.5	NE b N	0·1					
7 ,,	.907	.281	76.0	69.0	7.0	65.4	.626	.71	75·8	78.5	E b S	0.2					
8 ,,	.943	.202	77.8	72·8	5.0	70·6	.741	.79	76.9	78.5	,,	0.1					
9 ,,	.960	.264	79.2	72.0	7.2	68.6	.696	.71	78.3	78.6	,,	0.1					
10 ,,	.957	.313	80.6	71·0	9.6	66·3	.644	.63	79.5	78.7	,,	0.1					
11 ,,	.949	.329	82.7	71.0	11.7	65.1	.620	.57	80.2	78.8	,,	0.1					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: cirri; cirro-cumuli; cumuli; cirro-strati; cumulo-strati; and nimbi.	
3	C	D and scattered about; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 81°9 and 82°1.
5	B	and scattered throughout, moving SE; slight dew.	
7	B	scattered throughout, moving SE; a few here and there.	
8	B	" " "	
7	B	scattered around hor.; scattered throughout, moving slowly to E.	
6	G	scattered throughout; in W hor.	
6	G	and scattered throughout; mist in E hor.	
5	G	and scattered throughout, the latter moving E; mist in hor.	
5	G	" " " "	
3	C	and scattered about; mist in W hor.	
3	C	" " "	
3	C	scattered about, moving ESE; light mist in hor.	
3	C	" " "	
2	B	and scattered around hor; mist in E.	
3	B	" " "	
5	B	scattered about; here and there.	
3	B	" " "	
7	C	and scattered throughout, both moving ESE.	
7	C	" " " "	
7	C	" " " "	
5	C	" " " "	
5	C	" " " "	
6	C	" " " "	
6	C	" " " "	
2	C	scattered around hor.	
5	B	scattered throughout moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 81°9 and 82°0.
4	B	" " "	
4	B	" " "	
5	B	" " "	
5	G	" " "	
6	G	and scattered throughout; mist in ES and SW.	
7	G	D and scattered throughout, the latter moving ESE; mist.	
7	G	" " " "	
7	C	" " " "	
5	C	D scattered throughout, here and there; mist.	
3	C	scattered around hor.; light mist.	
3	C	" " "	
4	B	scattered about, moving E; mist in hor.	
4	B	" " "	
5	B	" " "	
5	B	" " "	
6	G	" " "	
6	G	" " "	
5	G	" " "	
5	G	" " "	
4	C	" " "	
3	C	s attered around hor.	
2	C	" "	
1	C	in NE and E above hor.; in W hor.	Mean daily temperature of ground 20 and 60 inches below its surface 81°9 and 82°0.
2	B	scattered all round the hor.	
4	B	and scattered about; slight dew falling.	
4	B	" " " "	
3	B	" " " "	
3	G	" " " "	
3	G	and scattered around hor.; mist along E hor.	
2	G	" " " "	
2	G	" " " "	
2	C	" " " "	
4	C	in W hor.; scattered about; mist in E and S hor.	
5	C	" " " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Strawson of Volta 1.	Electrical Instruments. Readings of Strawson of Volta 2.	Electrical Instruments. Interval of Time in seconds between same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Mar. 29th-Noon.	29.923	29.287	84·6	72·0	12·6	65·9	0.636	0.55	81·1	78·9	NNW	0.2					
1 p. m.	.886	.253	86.0	72.2	13.8	65.5	.628	.52	82.0	79.0	WNW	0.4					
2 ,,	.868	.247	86.0	72.0	14.0	65.2	.621	.51	82.3	79.1	,,	0.6					
3 ,,	.845	.256	85.5	71.0	14.5	63·5	.589	.50	82.3	79.3	,,	0.5					
4 ,,	.837	.234	85.3	71.3	14.0	64·3	.603	.51	82.2	79.4	,,	0.7	None.	None.	None.	None.	None.
5 ,,	.841	.196	83.8	72.0	11.8	66.3	.645	.57	81.2	79.5	,,	0.6					
6 ,,	.856	.211	81.2	71.2	10.0	66.3	.645	.62	80.0	79.5	,,	0.7					
7 ,,	.869	.166	78.5	72.0	6.5	69.0	.703	.74	79.2	79.5	NW	0.7					
8 ,,	.886	.183	78.5	72.0	6.5	69.0	.703	.74	78.9	79.5	NW b N	0.6					
9 ,,	.903	.212	78.0	71.5	6.5	68.4	.691	.74	78.8	79.4	NW	0.3					
10 ,,	.907	.213	77.8	71.5	6.3	68.6	.694	.74	78.6	79·4	NNW	0.1					
11 ,,	.903	.185	77.2	72.0	5.2	69.6	.718	.78	78.5	79.3	,,	0.2					
Mar.30th-Midnight	.899	.172	76.4	72.0	4.4	70.0	.727	.81	78.1	79.3	NNW	0.1					
1 a. m.	.892	.228	75.6	70.0	5.6	67.2	.664	.77	77.0	79.1	,,	0.3					
2 ,,	.879	.201	74.4	70·0	4.4	67.8	.678	.81	76.1	79.0	N b W	0.3					
3 ,,	.880	.202	74.4	70·0	4.4	67.8	.678	.81	76.1	78.9	N	0·2					
4 ,,	.881	.236	74.3	69.0	5.3	66.3	.645	.77	75.7	78·7	,,	0.3					
5 ,,	.892	.244	74.0	69.0	5.0	66.5	.648	.78	75.3	78.6	,,	0.2					
6 ,,	.903	.237	73.6	69.4	4.2	67.3	.666	.82	75.0	78.5	,,	0.1					
7 ,,	.924	.293	76·2	69.2	7.0	65.6	.631	.71	75.7	78.5	,,	0.2					
8 ,,	.950	.323	79.0	70.0	9.0	65.4	.627	.65	77.5	78.4	,,	0.4					
9 ,,	.961	.318	80.7	71.0	9.7	66.2	.643	.63	78.8	78.5	NNE	0·1					
10 ,,	.957	.282	82.4	72.4	10.0	67.7	.675	.62	80.0	78.6	NW	0.3					
11 ,,	.951	.252	83.6	73.4	10·2	68.8	.699	.63	81.1	78.8	NW b N	0.4	None.	None.	None.	None.	None.
Noon.	.927	.191	84.3	74.6	9.7	70.4	.736	.64	81.7	79.0	NW b W	0.4					
1 p. m.	.894	.150	85.0	75.0	10.0	70.7	.744	.64	82.0	79.1	NW	0.8					
2 ,,	.868	.110	85.5	75.5	10.0	71.3	.758	.64	82.3	79.3	,,	0.8					
3 ,,	.841	.132	84.7	74.0	10.7	69.2	.709	.61	82.3	79.4	,,	1.0					
4 ,,	.836	.114	83.5	74.0	9.5	69.8	.722	.65	82.0	79.5	NW b N	1.2					
5 ,,	.840	.107	81.5	73.7	7.8	70.2	.733	.70	80.5	79.5	,,	1.5					
6 ,,	.848	.080	79.4	74.0	5.4	71.7	.768	.78	80.0	79 6	,,	1.6					
7 ,,	.854	.112	78.4	73.0	5 4	70.6	.742	.78	79.0	79.5	NW	1.5					
8 ,,	.873	.127	78.0	73.0	5.0	70.8	.746	.79	78.5	79.4	NW b N	1.7					
9 ,,	.903	.155	77.8	73.0	4.8	70.9	.748	.80	78.5	79.4	,,	1.0					
10 ,,	.904	.149	77.2	73.0	4.2	71.2	.755	.82	78.2	79.3	,,	0.4					
11 ,,	.903	.146	77.0	73.0	4.0	71.2	.757	.83	78.1	79.3	NNW	0.1					
Mar.31st-Midnight	.883	.126	76.5	73.0	3.5	71.4	.762	.85	77 9	79.3	NNW	0.3					
1 a. m.	.876	.127	76.0	72.5	3.5	70.9	.749	.85	77.2	79.2	,,	0.8					
2 ,,	.869	.120	76.0	72.5	3.5	70.9	.749	.85	77.2	79.1	,,	0.8					
3 ,,	.859	.126	75.8	72.0	3.8	70.2	.733	.84	77.1	79.1	N b W	0.8					
4 ,,	.868	.132	75.5	72.0	3.5	70.4	.736	.85	77 0	79.0	N	0.5					
5 ,,	.880	.140	75.2	72.0	3.2	70.5	.740	.86	76·7	79.0	NNE	0.2					
6 ,,	.902	.215	74.5	70.3	4.2	68.2	.687	.82	75.2	78.9	,,	0.1					
7 ,,	.923	.258	76.2	70.2	6.0	67.2	.665	.75	76.0	78.8	,,	0.2					
8 ,,	.938	.276	79.0	71.0	8.0	67.1	.662	.68	77.5	78.8	,,	0.1					
9 ,,	.948	.267	81 2	72.2	9.0	68.0	.681	.66	79.3	78.9	N	0.3					
10 ,,	.944	.192	82.6	74.5	8.1	71.0	.752	.69	80.5	79.0	N b W	0.3					
11 ,,	.927	.157	83.4	75.2	8.2	71.8	.770	.69	81.1	79.1	,,	0.5	None.	None.	None.	None.	None.
Noon.	.899	.111	83.8	75.8	8.0	72 5	.788	.70	81.8	79.2	NW b N	0.9					
1 p. m.	.874	.089	84·8	76.0	8.8	72.4	.765	.68	82.3	79.4	NW b W	0.8					
2 ,,	.831	.050	85.2	76.0	9.2	72.2	.781	.66	82.3	79.5	NW	0.8					
3 ,,	.821	.013	84.5	76.5	8.0	73.3	.808	.70	82.1	79.6	,,	0.8					
4 ,,	.809	.008	83.4	76.0	7.4	73.0	.801	.72	81.6	79.8	,,	0.8					
5 ,,	.827	.009	81.8	76.0	5.8	73.7	.818	.77	81.0	79.7	,,	0.8					
6 ,,	.839	.037	79.7	75.0	4.7	73.1	.802	.81	80.2	79.7	,,	0.7					
7 ,,	.861	.070	78.7	74.4	4.3	72.6	.791	.82	79.5	79.6	,,	1.0					
8 ,,	.889	.107	78.1	74·0	4 1	72.3	.782	.83	79·0	79.5	,,	0.5					
9 ,,	.913	.128	77·8	74.0	3.8	72.4	.785	.84	78.9	79.5	,,	0.8					
10 ,,	.923	.133	77.4	74.0	3.4	72 6	.790	.85	78.5	79.5	NW b N	0.7					
11 ,,	.919	.144	77.0	73.5	3.5	72·0	.775	.85	78.3	79.4	,,	0·4					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are : ≤ cirri ; ≤≤ cirro-cumuli ; ⌒ cumuli ; ⌒≤ cirro-strati ; ⌒⌒ cumulo-strati ; and ⌒≤ nimbi.	
6	C	L and D ≤ scattered throughout, moving ESE ; mist.	
6	B	" " " "	
7	B	" " " "	
7	B	" " " "	
6	B	" " " "	
5	G	≤ and ≤≤ scattered about.	
5	G	" " "	
5	G	" " "	
5	G	" " "	
3	C	≤ and ≤≤ scattered around hor.	
2	C	" " "	
2	C	" " "	
3	C	D and L ≤ scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 82°0 and 82°1.
2	B	≤ scattered about ; slight dew falling.	
2	B	" " "	
1	B	" " "	
0	B	A few ≤ above E hor. ; dew falling.	
0	G	" " "	
1	G	≤ scattered about the hor. ; mist in E and SE.	
1	G	" " "	
2	G	≤ scattered around hor. ; fog in E and mist in W and S hor.	
3	C	" " "	
3	C	≤ scattered about, moving slowly to SE ; mist in hor.	
3	C	" " "	
5	C	" " "	
6	B	≤ scattered throughout, moving ENE ; mist.	
7	B	" " "	
8	B	Lightly overcast with ≤ moving ENE.	
8	B	" " "	
8	G	" " "	
8	G	" " "	
8	G	" " "	
8	G	" " "	
6	C	D and L ≤ scattered throughout, moving ENE.	
6	C	" " "	
6	C	" " "	
6	C	D and L ≤ scattered throughout, moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 82°0 and 82°1.
6	B	" " "	
6	B	≤ scattered throughout, moving E ; halo round the moon.	
6	B	" " " "	
7	B	≤ and ≤≤ scattered throughout, the latter moving SE ; slight dew.	
6	G	" " " " "	
6	G	" " " " "	
6	G	≤ scattered throughout ; mist in hor.	
6	G	" " "	
6	C	" " "	
5	C	" " "	
6	C	" " "	
7	C	" " "	
6	B	≤ scattered throughout, moving E ; haze in E.	
5	B	" " "	
5	B	" " "	
5	B	" " "	
5	N	≤ scattered about ; haze in E.	
5	N	" " "	
3	N	scattered around hor.	
2	N	" "	
3	C	" "	
3	C	" "	
3	C	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 1st-Midnight	29.906	29.137	76°6	73°2	3°4	71°7	0.769	0.86	78°0	79°4	NNW	0.7					
1 a. m.	.891	.162	76.2	72.2	4.0	70.1	.729	.83	77.5	79.3	„	0.8					
2 „	.885	.154	76.0	72.0	4.0	70.2	.731	.83	77.4	79.3	N b W	0.5					
3 „	.872	.141	76.0	72.0	4.0	70.2	.731	.83	77.1	79.3	„	0.4					
4 „	.872	.136	75.5	72.0	3.5	70.4	.736	.85	76.6	79.2	NNE	0.3					
5 „	.885	.145	75.2	72.0	3.2	70.5	.740	.86	76.5	79.2	NE b N	0.0					
6 „	.895	.184	75.2	71.2	4.0	69.3	.711	.83	76.3	79.1	„	0.1					
7 „	.926	.180	76.3	72.5	3.8	70.8	.746	.84	76.1	79.0	„	0.0					
8 „	.951	.230	77.6	72.2	5.4	69.7	.721	.78	77.2	79.0	NE b E	0.0					
9 „	.970	.290	80.6	72.0	8.6	69.9	.680	.67	78.6	79.1	„	0.1	None.	None.	None.	None.	None.
10 „	.978	.276	82.0	73.0	9.0	68.9	.702	.66	79.6	79.3	„	0.3					
11 „	.970	.264	83.3	73.5	9.8	69.1	.706	.64	80.5	79.4	NNW	0.2					
Noon.	.945	.190	84.0	75.0	9.0	71.2	.755	.67	81.0	79.5	„	0.3					
1 p. m.	.917	.162	84.0	75.0	9.0	71.2	.755	.67	81.2	79.6	NW	0.5					
2 „	.886	.095	85.0	76.2	8.8	72.6	.791	.68	82.0	79.7	NW b W	0.9					
3 „	.864	.073	85.0	76.2	8.8	72.6	.791	.68	82.3	79.8	„	0.9					
4 „	.852	.066	84.7	76.0	8.7	72.4	.786	.68	82.0	79.8	NW	1.0					
5 „	.850	.069	81.6	75.0	6.6	72.2	.781	.74	80.8	79.8	„	0.8					
6 „	.874	.117	80.4	74.0	6.4	71.2	.757	.75	79.8	79.8	NW b N	1.0					
7 „	.880	.124	78.8	73.5	5.3	71.2	.756	.79	79.1	79.8	„	1.5					
8 „	.892	.169	78.4	72.5	5.9	69.8	.723	.76	79.0	79.8	„	1.0					
9 „	.898	.225	78.0	71.0	7.0	67.8	.673	.72	78.7	79.7	N b W	0.4					
10 „	.903	.223	77.4	71.0	6.4	67.9	.680	.75	78.5	79.7	„	0.2					
11 „	.901	.254	77.2	70.0	7.2	66.4	.647	.71	78.0	79.6	„	0.2					
Apr. 2nd-Midnight	.893	.237	76.4	70.0	6.4	66.8	.656	.73	77.8	79.6	N b W	0.1					
1 a. m.	.886	.193	76.2	71.0	5.2	68.5	.693	.78	77.6	79.6	N	0.3					
2 „	.872	.141	76.0	72.0	4.0	70.2	.731	.83	77.4	79.5	„	0.3					
3 „	.867	.136	76.0	72.0	4.0	70.2	.731	.83	77.3	79.5	„	0.5					
4 „	.876	.147	76.2	72.0	4.2	70.1	.729	.82	77.1	79.4	N b E	0.6					
5 „	.910	.186	75.0	71.5	3.5	69.9	.724	.85	76.3	79.2	NE b N	0.7					
6 „	.939	.228	74.5	71.0	3.5	69.3	.711	.85	75.6	79.1	„	0.5					
7 „	.958	.261	75.8	71.0	4.8	68.7	.697	.80	76.0	79.0	NE b E	0.5		+	2		2.45
8 „	.978	.276	78.6	72.0	6.6	68.9	.702	.74	77.5	79.0	NE b N	0.6		+	1		Above 10m.
9 „	.979	.307	81.4	72.0	9.4	67.6	.672	.64	79.0	79.0	NNE	0.1					
10 „	.978	.299	84.0	73.0	11.0	67.9	.679	.60	80.7	79.4	„	0.0	None.			None.	
11 „	.954	.239	84.2	74.0	10.2	69.5	.715	.63	81.0	79.5	N b E	0.1					
Noon.	.931	.180	84.4	75.0	9.4	71.0	.751	.65	81.4	79.6	N	0.3					
1 p. m.	.916	.115	84.8	76.4	8.4	73.0	.801	.69	82.0	79.7	NW	1.2					
2 „	.884	.115	84.5	75.5	9.0	71.7	.769	.67	82.0	79.8	„	1.8					
3 „	.854	.105	84.5	75.0	9.5	70.9	.749	.65	83.0	79.9	„	2.0					
4 „	.845	.096	84.5	75.0	9.5	70.9	.749	.65	82.0	80.0	NW b N	2.0					
5 „	.841	.086	84.0	75.0	9.0	71.2	.755	.67	81.8	80.0	NW	0.8					
6 „	.857	.111	81.4	74.0	7.4	70.8	.746	.71	80.5	79.9	NW b N	0.2					
7 „	.873	.160	81.0	73.0	8.0	69.4	.713	.69	80.0	79.8	„	0.1					
8 „	.885	.165	80.4	73.0	7.4	69.7	.720	.71	79.4	79.5	„	0.5					
9 „	.900	.176	80.0	73.0	7.0	69.9	.724	.72	79.1	79.4	„	0.8					
10 „	.895	.244	80.0	71.0	9.0	66.9	.651	.66	79.0	79.3	NNW	0.8					
11 „	.890	.274	80.0	70.0	10.0	64.9	.616	.62	78.7	79.2	„	0.2					
Apr. 4th-Midnight	.897	.156	77.8	72.8	5.0	70.6	.741	.79	78.8	80.2	NNW	0.5					
1 a. m.	.889	.134	77.2	73.0	4.2	71.2	.755	.82	78.6	80.2	„	0.3					
2 „	.867	.112	77.2	73.0	4.2	71.2	.755	.82	78.5	80.2	NW b N	0.3					
3 „	.862	.128	77.0	72.4	4.6	70.3	.734	.81	78.1	80.1	„	0.4					
4 „	.869	.138	76.0	72.0	4.0	70.2	.731	.83	77.7	80.1	„	0.1	None.	None.	None.	None.	None.
5 „	.896	.190	75.0	71.0	4.0	69.1	.706	.83	76.8	79.9	„	0.0					
6 „	.906	.189	75.7	71.5	4.2	69.6	.717	.82	76.9	79.7	„	0.1					
7 „	.928	.185	78.3	73.0	5.3	70.7	.743	.78	78.0	79.6	„	0.2					
8 „	.941	.267	81.3	72.0	9.3	67.7	.684	.64	79.2	79.8	N	0.3					
9 „	.941	.283	83.3	72.2	11.1	66.9	.658	.59	80.0	79.9	N b W	0.2					
10 „	.940	.322	85.2	71.7	13.5	65.0	.618	.52	81.5	80.0	NNW	0.2					
11 „	.926	.279	85.6	72.6	13.0	66.4	.647	.54	82.0	80.0	NW b N	0.4					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ≤ cirri; ≤≥ cirro-cumuli; ≥ cumuli; ≥≤ cirro-strati; ≥≤≥ cumulo-strati; and ≥≤≥ nimbi.	
3	C	D ≤ scattered around hor.; fresh breezes of wind from NW.	Mean daily temperature of ground 20 and 60 inches below its surface 82°1 and 82°3.
5	B	≤≥ and ≤ scattered about; ≤≥ moving SE.	
6	B	≤≥ scattered throughout moving slowly to SE; a few ≤ here and there.	
7	B	" " " " "	
8	B	≤ and ≤≥ scattered throughout, ≤≥ moving ESE; a few stars visible through the breaks.	
8	N	≤ and ≤≥ scattered throughout, the latter moving NE.	
8	N	" " " "	
8	N	" " " "	
8	N	" " " "	
8	B	" " " "	
7	B	≤≥ throughout moving ENE; a few ≤ here and there.	
6	B	" " "	
4	B	≤≥ and ≤ scattered about; ≤≥ moving ENE.	
4	C	" " "	
4	C	" " "	
4	C	≤≥ and ≤ scattered throughout, both moving E; fresh breezes from NW.	
5	C	" " " " "	
5	B	" " " " "	
5	B	≤≥ and ≤ scattered about, the former moving to NE.	
4	B	" " " "	
3	B	" " " "	
0	D	≤≥ in the NW, N and NE hor.	
0	D	" " "	
0	D	" " "	
1	D	≤≥ scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 82°1 and 82°3. Reading of barometer corrected for temperature at 9 A. M. was 29·979 in., highest during the month, and about 0·102 in. higher than the normal mean; at 11 P. M. the temperature of dew-point was 64°9, least during the month, and was 7°2 less than the normal mean.
4	C	≤≥ scattered about, moving ENE.	
4	C	" "	
4	C	" "	
4	C	" "	
2	B	≤≥ scattered about moving ESE.	
2	B	≤≥ and ≤ scattered around hor.; mist in W.	
1	B	" " "	
0	B	A few ≤≥ here and there in the hor.; mist in E, S and W hor.	
0	D	A few ≤ near E and SE hor.; mist.	
0	D	" " "	
1	D	≤≥ scattered about.	
1	D	" "	
3	C	≤≥ scattered about, moving ESE; fresh breezes from NW.	
5	C	" " "	
5	C	≤ and ≤≥ scattered about, both moving slowly to SE; fresh breezes from NW.	
5	C	" " "	
3	D	D ≤ scattered about moving ESE.	
4	D	" " "	
3	D	" " "	
3	D	≤ scattered about the hor.	
2	D	≤ scattered around hor.	
1	D	" "	
2	D	" "	
2	N	D ≤ scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 82°2 and 82°1.
3	C	" "	
2	C	" "	
2	C	" "	
2	C	" "	
1	B	≤≥ in E above hor.	
1	B	≤≥ in E and W above hor.	
0	B	A few ≤≥ in E and W hor.; fog in E.	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	≤≥ in E above hor.; haze in E and SE.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Readings of. Sign of Electricity + or −.	Readings of. Straws of Volta 1.	Readings of. Straws of Volta 2.	Interval of Time in seconds between the same degree of deflection after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 4th-Noon.	29.911	29.254	85°6	72°6	13°0	66°4	0.647	0.54	82°0	80°0	NW b N	0.5					
1 p. m.	.874	.179	86.0	74.0	12.0	68.6	.695	.57	83.0	80.1	,,	0.8					
2 ,,	.850	.131	85.6	74.5	11.1	69.7	.719	.60	83 0	80.2	,,	1.2					
3 ,,	.827	.121	85.0	74.0	11.0	69.1	.706	.60	82.6	80.4	NW	0.7					
4 ,,	.822	.116	85.0	74.0	11.0	69.1	.706	.60	82.4	80 5	,,	1.5					
5 ,,	.816	.098	83.9	74.0	9.9	69.6	.718	.64	82.0	80.6	NW b N	0.8					
6 ,,	.831	.121	81.3	73.0	8.3	69.3	.710	.68	81.0	80.6	,,	0.8	None.	None.	None.	None.	None.
7 ,,	.844	.108	79.6	73.2	6.4	70.4	.736	.75	80.0	80.6	,,	0.8					
8 ,,	.859	.120	78.6	73.0	5.6	70.5	.739	.77	79.6	80.5	,,	0.8					
9 ,,	.872	.126	78.0	73.0	5.0	70.8	.746	.79	79.2	80.5	,,	0.6					
10 ,,	.882	.092	77.4	74.0	3.4	72.6	.790	.85	78.7	80.4	,,	0.4					
11 ,,	.882	.092	77.4	74.0	3.4	72.6	.790	.85	78.0	80.3	,,	0.6					
Apr. 5th-Midnight	.877	.108	76.6	73.2	3.4	71.7	.769	.86	77.3	80.2	NW b N	0.3					
1 a. m.	.857	.091	76.2	73.0	3.2	71.6	.766	.86	77.3	80.2	N b W	0.2					
2 ,,	.845	.115	74.5	71.5	3.0	70.1	.730	.87	76.8	80.1	,,	0·1					
3 ,,	.831	.104	73.7	71.2	2.5	70.0	.727	.89	76.2	80.1	,,	0.1					
4 ,,	.831	.085	74.0	71.8	2.2	70.8	.746	.90	76.0	80.0	,,	0.1					
5 ,,	.840	.133	73.6	70.6	3.0	69.1	.702	.87	75.5	79.8	,,	0.0					
6 ,,	.866	.192	73.2	69.5	3.7	67.7	.674	.84	75.2	79.6	,,	0.2					
7 ,,	.886	.223	75.7	70.0	5.7	67.2	.663	.76	76.0	79.5	N b E	0.3					
8 ,,	.905	.203	78.6	72.0	6.6	68.9	.702	.74	77.6	79.5	NNE	0.4					
9 ,,	.899	.209	81.8	72.6	9.2	68.4	.690	.65	78.7	79.5	,,	0.3					
10 ,,	.884	.196	83.2	73.0	10.2	68.3	.689	.62	80.0	79.5	N	0.2					
11 ,,	.865	.167	84.7	73.7	11.0	68.7	.698	.60	80.9	79.6	NW b N	0.3					
Noon.	.836	.137	85.6	74.0	11.6	68.8	.699	.59	81.8	79.8	,,	0.5	None.	None.	None.	None.	None.
1 p. m.	.820	.082	86.3	75 2	11.1	70.5	.738	.60	82.7	80.0	NW	0.5					
2 ,,	.798	.023	86.4	76.1	10.3	72.0	.775	.63	83.1	80.2	,,	0.9					
3 ,,	.776	28.998	86.2	76.2	10.0	72.1	.778	.64	83.0	80.3	NW b N	0.7					
4 ,,	.772	.981	85.7	76.4	9.3	72.6	.791	.66	83·0	80.4	NW	0.9					
5 ,,	.780	.988	84.2	76.0	8.2	72.7	.792	.69	82.3	80.6	,,	0.7					
6 ,,	.789	29.001	81.7	75.2	6.5	72.5	.788	.75	81.2	80.6	b N	0.6					
7 ,,	.815	.022	80 5	75.0	5.5	72.7	.793	.78	80.9	80.6	NW	0.6					
8 ,,	.824	.023	79.8	75.0	4 8	73.0	.801	.81	80.5	80.6	,,	0.4					
9 ,,	.828	.124	79.5	72.3	7.2	69.0	.704	.72	80.0	80.5	,,	0.3					
10 ,,	.838	.140	79·0	72.0	7.0	68.7	.698	.72	79.8	80.5	,,	0.6					
11 ,,	.832	.129	78.5	72.0	6.5	69.0	.703	.74	79.0	80.4	NW b N	1.0					
Apr. 6th-Midnight	.819	.110	78.0	72.0	6·0	69.2	.709	.76	78.5	80.3	NW b N	1.4					
1 a. m	.807	.098	78.0	72.0	6.0	69.2	.709	.76	78.4	80.3	NNW	0.4					
2 ,,	.795	.090	77.4	71.7	5.7	69.0	.705	.76	78.3	80.3	N b W	0.3					
3 ,,	.774	.079	76.0	71.0	5 0	68.6	.695	.79	77.6	80.2	,,	0.2					
4 ,,	.775	.104	75.0	70.0	5.0	67.5	.671	.79	77.1	80.1	,,	0·2					
5 ,,	.796	.154	74 5	69.0	5.5	66.2	.642	.77	76.6	79.9	,,	0.1					
6 ,,	.814	.179	75.2	69.0	6.2	65·8	.635	.74	76.6	79.7	N b E	0.1					
7 ,,	.841	.164	78.3	71.2	7.1	67.8	.677	.71	77.7	79.7	,,	0.1					
8 ,,	.881	.214	81.8	72.0	9.8	67·3	.667	.63	79.7	79.8	NE b N	0.2					
9 ,,	.830	.222	83.3	72.2	11.1	66.9	.658	.59	80.0	79.8	E b N	0.2					
10 ,,	.867	.233	85.2	72.1	13.1	65.8	.634	.54	80.9	79.9	SE	0.3					
11 ,,	.861	.175	85.8	73.7	12.1	68.2	.686	.57	81.8	80.0	WSW	0.2	None.	None.	None.	None.	None.
Noon.	.843	.148	87.4	74.4	13.0	68.6	.695	.55	82.5	80.1	W	0.3					
1 p. m.	.823	.106	88.2	75.2	13.0	69.6	.717	.55	83.2	80.2	W b N	0.4					
2 ,,	.803	.053	88.0	76.0	12.0	71.0	.750	.58	83.4	80.3	WNW	0.6					
3 ,,	.788	.017	86.5	76.1	10.4	71.8	.771	.63	83.3	80.4	NW b W	0.5					
4 ,,	.778	.002	85.6	76.0	9.6	72.0	.776	.65	83.0	80.6	,,	0.4					
5 ,,	.779	.005	84.0	75.5	8.5	71.9	.774	.68	82.0	80.8	NW	0.4					
6 ,,	.787	.020	81.2	74.5	6.7	71.6	.767	.74	81.3	80.8	NW b W	0.3					
7 ,,	.796	.030	79.7	74.0	5.7	71.6	.766	.77	80.5	80.8	,,	0.2					
8 ,,	.799	.027	79.0	74.0	5.0	71.8	.772	.80	80.6	80.8	,,	0.3					
9 ,,	.802	.079	78.4	72.5	5.9	69.8	.723	.76	79.7	80.7	,,	0.2					
10 ,,	.812	.089	78.4	72.5	5.9	69.8	.723	.76	79.2	80.7	,,	0.1					
11 ,,	.809	.100	78.0	72.0	6.0	69.2	.709	.76	79.6	80.6	,,	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ≀≀ nimbi.	
1	G	≀ in E above hor.; haze in E and SE.	
1	C	≀ in E; haze in hor.; fresh breezes from NW.	
1	C	" " " "	
1	C	⌒ in NE hor.; ≀ along the E hor.; haze in hor.; fresh breezes from NW.	
1	C	" " " "	
0	B	⌒ and ≀ in NE and E hor.; haze in E and SE.	
0	B	" " "	
0	B	Cloudless; haze in E hor.	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	Clear; slight dew falling.	
0	G	Cloudless; slight dew.	
0	C	" "	Mean daily temperature of ground 20 and 60 inches below its surface 82°3 and 82°4. Temperature of free air at 6 A. M. was 73°2, lowest in the month, and about 4°5 lower than the normal mean.
0	C	" "	
0	C	" "	
0	C	" "	
1	B	≀ scattered along E hor.; dew falling.	
1	B	" " "	
0	B	A few ≀ in ESE hor.; mist in W, and fog in E hor.	
1	B	" " "	
1	G	≀ scattered from SE to S hor.; mist in W hor.; haze in E.	
1	G	" " "	
0	G	A few ≀ in hor.; haze in E and SE hor.	
0	G	" "	
0	C	Cloudless; haze in hor., except the N.	
0	C	A few ≀ in NE and SE hor.; haze in hor.; fresh breezes from NW.	
0	C	" " "	
1	C	≀ along the E hor; haze in E, SE and S; fresh breezes.	
1	B	≀ scattered around hor.; haze in E.	
2	B	≀ scattered about moving NE; hazy.	
4	B	≀ scattered about moving NE.	
1	B	≀ scattered about.	
1	G	" "	
1	G	" "	
0	G	A few ≀ here and there in hor.; fresh breezes from NW.	
0	G	A few ≀ in E above hor.; fresh breezes from NW.	
0	C	A few ≀ in E hor.	Mean daily temperature of ground 20 and 60 inches below its surface 82°4 and 82°5.
0	C	" "	
0	C	" "	
0	C	" "	
0	B	" "	
0	B	Mist in W; fog in E.	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	Hazy.	
0	G	"	
0	G	"	
0	C	A few ≀ in SW; light mist in W and haze in E.	
0	C	" " "	
3	C	≀ scattered about, moving NE; haze in E.	
3	C	" " "	
1	B	≀ scattered about, moving NE; haze.	
1	B	" "	
0	B	A few ≀ here and there in hor.	
0	B	" "	
0	G	Cloudless; slight dew.	
0	G	" "	
0	G	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lb.	in.		Sc. div.	Sc. div.	m. s.
Apr. 7th-Midnight	29.794	29.085	78°0	72°0	6°0	69°2	0.709	0.76	78°9	80°5	NW b W	0.2					
1 a. m.	.786	.068	77.2	72.0	5.2	69.6	.718	.78	78.7	80.5	„	0.3					
2 „	.779	.022	77.0	73.0	4.0	71.2	.757	.83	78.5	80.4	NNW	0.4					
3 „	.768	.022	76.3	72.5	3.8	70.8	.746	.84	78.1	80.3	„	0.5					
4 „	.769	.020	76.0	72.5	3.5	70.9	.749	.85	77.8	80.2	„	0.1					
5 „	.794	.052	75.0	72.0	3.0	70.6	.742	.87	77.0	80.0	„	0.1					
6 „	.817	.070	74.6	72.0	2.6	70.8	.747	.89	76.3	80.0	N	0.1					
7 „	.843	.118	77.2	72.2	5.0	69.9	.725	.79	77.5	79.9	N b E	0.2					
8 „	.859	.104	80.5	74.0	6.5	71.2	.755	.74	79.0	80.0	NE b N	0.2					
9 „	.868	.129	82.0	74.0	8.0	70.5	.739	.69	80.0	80.0	ENE	0.3					
10 „	.872	.123	82.9	74.5	8.4	70.9	.749	.68	80.5	80.1	E b N	0.2					
11 „	.864	.095	84.5	75.5	9.0	71.7	.769	.67	81.4	80.1	W b N	0.2					
Noon.	.849	.066	85.0	76.0	9.0	72.3	.783	.67	81.9	80.2	NW b W	0.3	None.	None.	None.	None.	None.
1 p. m.	.823	.034	85.2	76.2	9.0	72.6	.789	.67	82.3	80.3	W b N	0.6					
2 „	.802	.013	85.2	76.2	9.0	72.6	.789	.67	82.6	80.5	WNW	0.7					
3 „	.786	28.999	85.4	76.2	9.2	72.5	.787	.66	82.6	80.7	W b N	0.4					
4 „	.774	.991	85.0	76.0	9.0	72.3	.783	.67	82.7	80.7	„	0.2					
5 „	.772	.986	84.7	76.0	8.7	72.4	.786	.68	82.0	80.7	„	0.4					
6 „	.784	29.034	81.0	74.0	7.0	71.0	.750	.73	80.9	80.9	W	0.2					
7 „	.796	.061	79.0	73.0	6.0	70.3	.735	.76	80.0	80.9	W b N	0.3					
8 „	.806	.092	78.2	72.2	6.0	69.4	.714	.76	79.4	80.8	„	0.2					
9 „	.819	.078	77.8	71.8	6.0	70.6	.741	.79	79.0	80.8	„	0.1					
10 „	.820	.115	77.4	71.7	5.7	69.0	.705	.76	78.2	80.7	„	0.2					
11 „	.815	.131	77.0	71.0	6.0	68.1	.684	.75	78.0	80.6	„	0.3					
Apr. 8th-Midnight	.812	.128	77.0	71.0	6.0	68.1	.684	.75	77.5	80.5	W b N	0.4					
1 a. m.	.804	.117	76.7	71.0	5.7	68.2	.687	.76	77.3	80.5	WNW	0.3					
2 „	.789	.098	76.4	71.0	5.4	68.4	.691	.77	77.3	80.4	NW b N	0.3					
3 „	.769	.071	75.7	71.0	4.7	68.7	.698	.80	77.3	80.3	„	0.2					
4 „	.770	.072	75.7	71.0	4.7	68.7	.698	.80	77.2	80.3	NNW	0.1					
5 „	.786	.100	73.6	70.0	3.6	68.2	.686	.84	76.0	80.1	„	0.1					
6 „	.792	.082	73.7	70.7	3.0	69.3	.710	.87	75.4	79.9	„	0.1					
7 „	.814	.092	76.8	72.0	4.8	69.8	.722	.80	77.0	79.8	„	0.2					
8 „	.839	.141	79.0	72.0	7.0	68.7	.698	.72	78.0	79.8	NE b N	0.3					
9 „	.850	.153	80.4	72.4	8.0	68.7	.697	.69	78.5	79.8	NNW	0.2					
10 „	.836	.110	81.9	73.6	8.3	69.9	.726	.68	79.0	79.9	NW b W	0.1					
11 „	.835	.107	83.0	74.0	9.0	70.0	.728	.66	79.9	80.0	W b N	0.2					
Noon.	.820	.065	84.0	75.0	9.0	71.2	.755	.67	80.0	80.0	„	0.2	None.	None.	None.	None.	None.
1 p. m.	.798	.021	85.5	76.0	9.5	72.0	.777	.66	81.8	80.1	„	0.3					
2 „	.777	.016	85.6	75.6	10.0	71.3	.761	.64	82.3	80.2	WNW	0.5					
3 „	.759	28.994	85.2	75.6	9.6	71.6	.765	.65	82.3	80.3	NW b W	0.3					
4 „	.755	.996	84.7	75.3	9.4	71.3	.759	.66	82.1	80.4	„	0.5					
5 „	.753	.987	83.0	75.0	8.0	71.6	.766	.70	81.6	80.5	„	0.4					
6 „	.761	29.000	80.0	74.0	6.0	71.4	.761	.76	80.4	80.5	„	0.5					
7 „	.771	28.979	78.6	74.4	4.2	72.7	.792	.83	79.4	80.5	NW	0.5					
8 „	.788	29.005	78.0	74.0	4.0	72.3	.783	.83	79.0	80.5	„	0.4					
9 „	.789	28.999	77.4	74.0	3.4	72.6	.790	.85	78.6	80.4	„	0.3					
10 „	.794	29.000	77.0	74.0	3.0	72.8	.794	.87	78.0	80.4	„	0.2					
11 „	.788	28.994	77.0	74.0	3.0	72.8	.794	.87	78.0	80.4	„	0.0					
Apr. 9th-Midnight	.784	29.015	76.6	73.2	3.4	71.7	.769	.86	77.5	80.3	NW	0.2					
1 a. m.	.778	28.997	76.5	73.5	3.0	72.2	.781	.87	77.5	80.3	„	0.3					
2 „	.775	29.009	76.2	73.0	3.2	71.6	.766	.86	77.4	80.3	NW b N	0.2					
3 „	.763	28.995	76.0	73.0	3.0	71.7	.768	.87	77.3	80.2	NNW	0.1					
4 „	.763	.988	75.4	73.0	2.4	72.0	.775	.90	77.2	80.2	NW b N	0.1					
5 „	.774	29.030	74.8	72.0	2.8	70.7	.744	.88	76.5	80.1	„	0.1					
6 „	.786	.046	74.5	71.8	2.7	70.5	.740	.88	76.1	79.8	„	0.1					
7 „	.801	.054	76.2	72.5	3.7	70.8	.747	.84	76.6	79.7	NNE	0.4	None.	None.	None.	None.	None.
8 „	.828	.075	79.0	73.5	5.5	71.1	.753	.78	78.0	79.8	NE b N	0.3					
9 „	.828	.065	79.8	74.0	5.8	71.5	.763	.77	78.7	79.9	NE b E	0.2					
10 „	.817	.064	82.5	74.5	8.0	71.1	.753	.70	80.0	79.9	ENE	0.1					
11 „	.806	.051	84.0	75.0	9.0	71.2	.755	.67	80.9	80.0	NW	0.2					

Amount of Clouds 0—8.	Observers	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇ cirri; ⌇⌇ cirro-cumuli; ⌒⌇ cumuli; ⌣⌇ cirro-strati; ⌒⌇ cumulo-strati; and ⌇⌇ nimbi.	
0	G	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 82°5 and 82°7.
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
1	B	⌇⌇ scattered around hor.; dew.	
4	B	⌇⌇ scattered about moving SE.	
1	B	⌇ and ⌇⌇ scattered around hor.; black mist in W and fog in E.	
1	B	⌇ scattered about hor.; mist in W hor., and fog in E.	
1	G		
0	G	A few ⌇ in hor.; haze in E and SE hor.; mist in W.	
0	G	" " " "	
0	G	Cloudless; haze in hor.	
1	C	⌇ in N and NE above hor.; haze in E.	
1	C	" "	
0	C	A few ⌇ in N; hazy.	
0	C	" "	
0	G	" "	
0	B	A few ⌇ in E; haze.	
0	B	" "	
0	B	Clear except the hor.	
0	G	A few ⌇ in W; slight dew.	
0	G	" "	
0	G	" "	
0	G	A few ⌇ in E and N hor.; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 82°5 and 82°7.
1	C	⌇ scattered about; dew falling.	
2	C	" "	
1	C	" "	
1	C	" "	
2	B	⌇ and ⌇⌇ scattered around; dew falling.	
1	B	⌇ and ⌇⌇ scattered about; mist in W.	
1	B	⌇⌇ and a few ⌇ scattered about; mist in W and fog in E.	
1	B	" "	
2	G	⌇ and ⌇⌇ scattered around hor.; haze in E hor., and mist in W hor.	
2	G	" " " "	
2	G	" " " "	
1	G	⌇ from SE to SW hor.; haze in hor.	
0	C	A few ⌇ in S hor.; haze in hor.	
0	C	" "	
0	C	⌇ in E and W above hor.; mist.	
1	C	" "	
0	B	A few ⌇ in E and W hor.	
1	B	⌇ scattered along the hor. in N and W.	
2	B	⌇ scattered around hor.	
0	B	A few ⌇ above the W hor.	
0	G	" "	
0	G	" "	
1	G	⌇⌇ scattered about; dew falling.	
1	G	⌇⌇ scattered about here and there; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 82°6 and 82°7.
1	C	" " "	
1	C	" " "	
2	C	" " "	
2	C	" " "	
6	B	⌇⌇ in E and SE; ⌇ throughout; dew falling.	
7	B	" " "	
5	B	⌇⌇ around hor.; and ⌇ throughout; mist in hor.	
5	B	" " "	
5	G	⌇ scattered throughout; mist in hor.	
6	G	" "	
6	G	" "	

BOMBAY METEOROLOGICAL OBSERVATIONS, 1864.

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Interval of Time in reckoning the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 9th-Noon.	29.783	29.018	85°2	75°6	9°6	71°6	0.765	0.65	81°7	80°1	WNW	0.2					
1 p.m.	.759	28.970	85.2	76.2	9.0	72.6	.789	.67	82.1	80.3	,,	0.4					
2 ,,	.737	.948	85.2	76.2	9.0	72.6	.789	.67	82.3	80.4	,,	0.6					
3 ,,	.731	.931	84.5	76.3	8.2	73.0	.800	.69	82.3	80.5	,,	0.8					
4 ,,	.727	.925	84.3	76.3	8.0	73.0	.802	.70	82.1	80.5	,,	0.5					
5 ,,	.724	.958	83.0	75.0	8.0	71.6	.766	.70	81.7	80.5	NW b W	0.7	None.	None.	None.	None.	None.
6 ,,	.740	.941	80.0	75.0	5.0	73.0	.799	.80	80.5	80.5	,,	0.7					
7 ,,	.755	.998	78.7	73.5	5.2	71.2	.757	.79	79.6	80.5	NW	0.6					
8 ,,	.773	29.027	78.0	73.0	5.0	70.8	.746	.79	79.0	80.5	NW b N	0.6					
9 ,,	.785	.036	77.7	73.0	4.7	70.9	.749	.81	78.8	80.5	,,	0.5					
10 ,,	.796	.061	77.3	72.5	4.8	70.3	.735	.80	78.5	80.4	NW	0.2					
11 ,,	.794	.037	77.0	73.0	4.0	71.2	.757	.82	78.2	80.4	,,	0.3					
Apr. 11th-Midnight	.806	28.974	77.0	75.0	2.0	74.2	.832	.91	78.0	80.4	NNW	0.3					
1 a. m.	.794	29.000	77.0	74.0	3.0	72.8	.794	.87	78.0	80.4	N b W	0.6					
2 ,,	.787	.002	76.8	73.7	3.1	72.4	.785	.87	77.8	80.3	,,	0.5					
3 ,,	.783	.036	76.6	72.6	4.0	70.8	.747	.83	77.5	80.2	,,	0.2					
4 ,,	.787	.025	76.5	73.0	3.5	71.4	.762	.85	77.3	80.2	,,	0.1					
5 ,,	.824	.062	76.5	73.0	3.5	71.4	.762	.85	77.3	80.1	NNW	0.4					
6 ,,	.845	.114	76.0	72.0	4.0	70.2	.731	.83	77.2	80.0	,,	0.3					
7 ,,	.858	.130	77.6	72.4	5.2	70.0	.728	.79	77.6	80.0	NW	0.2					
8 ,,	.871	.131	80.6	73.6	7.0	70.5	.740	.73	79.0	80.0	NW b W	0.3					
9 ,,	.876	.175	82.1	73.0	9.1	68.9	.701	.66	80.4	80.0	WNW	0.2					
10 ,,	.876	.177	83.6	73.4	10.2	68.8	.699	.63	81.0	80.1	W b N	0.4					
11 ,,	.875	.101	84.0	75.5	8.5	71.9	.774	.68	81.2	80.2	,,	0.6	None.	None.	None.	None.	None.
Noon.	.862	.088	84.0	75.5	8.5	71.9	.774	.68	81.5	80.2	WNW	0.7					
1 p.m.	.832	.049	85.0	76.0	9.0	72.3	.783	.67	82.0	80.3	NW b W	0.8					
2 ,,	.819	.032	84.6	76.0	8.6	72.5	.787	.68	82.0	80.4	,,	0.7					
3 ,,	.794	.016	84.4	75.7	8.7	72.1	.778	.68	82.0	80.5	,,	0.8					
4 ,,	.793	.016	82.0	75.0	7.0	72.0	.777	.73	81.3	80.5	,,	0.7					
5 ,,	.794	.008	81.2	75.0	6.2	72.4	.786	.76	80.6	80.5	,,	0.8					
6 ,,	.808	.036	79.0	74.0	5.0	71.8	.772	.80	79.5	80.5	,,	0.6					
7 ,,	.823	.059	78.0	73.5	4.5	71.5	.764	.81	79.0	80.5	,,	0.6					
8 ,,	.830	.061	77.6	73.5	4.1	71.7	.769	.83	78.8	80.5	,,	0.5					
9 ,,	.849	.059	77.4	74.0	3.4	72.6	.790	.85	78.0	80.4	NW	0.4					
10 ,,	.854	.060	77.0	74.0	3.0	72.8	.794	.87	77.9	80.4	NW b N	0.5					
11 ,,	.854	.060	77.0	74.0	3.0	72.8	.794	.87	77.5	80.4	,,	0.4					
Apr. 12th-Midnight	.844	.050	77.0	74.0	3.0	72.8	.794	.87	77.5	80.3	NW b N	0.4					
1 a. m.	.832	.042	77.4	74.0	3.4	72.6	.790	.86	77.5	80.3	,,	0.5					
2 ,,	.822	.028	77.0	74.0	3.0	72.8	.794	.87	77.5	80.3	NNW	0.3					
3 ,,	.816	.022	77.0	74.0	3.0	72.8	.794	.87	77.5	80.3	N b W	0.2					
4 ,,	.814	.020	77.0	74.0	3.0	72.8	.794	.87	77.5	80.3	,,	0.1					
5 ,,	.837	.059	76.8	73.5	3.3	72.1	.778	.86	77.4	80.2	,,	0.3					
6 ,,	.839	.077	76.5	73.0	3.5	71.4	.762	.85	77.2	80.1	N	0.2					
7 ,,	.853	.047	77.7	74.5	3.2	73.2	.806	.87	78.0	80.0	N b E	0.2					
8 ,,	.874	.049	81.2	76.0	5.2	73.9	.825	.79	79.9	80.1	NNW	0.5					
9 ,,	.877	.128	82.9	74.5	8.4	70.9	.749	.68	80.1	80.2	,,	0.4					
10 ,,	.874	.108	84.4	75.4	9.0	71.6	.766	.67	82.0	80.4	,,	0.3					
11 ,,	.868	.085	85.0	76.0	9.0	72.3	.783	.67	82.4	80.5	,,	0.4					
Noon.	.838	.051	85.4	76.2	9.2	72.5	.787	.66	82.8	80.5	NW	0.7	None.	None.	None.	None.	None.
1 p.m.	.816	28.986	85.8	77.4	8.4	74.1	.830	.69	83.0	80.7	,,	1.0					
2 ,,	.787	.936	86.0	78.0	8.0	74.9	.851	.70	83.3	80.9	NW b N	1.7					
3 ,,	.759	.908	86.0	78.0	8.0	74.9	.851	.70	83.3	81.1	,,	1.5					
4 ,,	.752	.893	85.3	78.0	7.3	75.2	.859	.73	83.0	81.2	NW	1.2					
5 ,,	.761	.927	83.9	77.0	6.9	74.3	.834	.74	82.3	81.2	,,	0.7					
6 ,,	.765	.935	81.5	76.2	5.3	74.1	.830	.79	81.3	81.2	,,	0.8					
7 ,,	.777	.942	80.3	76.0	4.3	74.3	.835	.83	81.0	81.2	,,	0.7					
8 ,,	.798	.956	79.6	76.0	3.6	74.6	.842	.85	80.5	81.2	NW b N	0.6					
9 ,,	.812	.963	79.0	76.0	3.0	74.8	.849	.88	80.0	81.2	,,	0.7					
10 ,,	.824	29.032	78.6	74.4	4.2	72.7	.792	.83	79.4	81.2	,,	0.6					
11 ,,	.819	.027	78.6	74.4	4.2	72.7	.792	.83	79.0	81.0	,,	1.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌒ cirro-strati; ∩⌒ cumulo-strati; and ≀∩ nimbi.	
5	G	≀ scattered about moving E; haze in hor.	
1	C	≀ scattered about here and there; haze.	
0	C	A few ≀ in E; haze.	
0	C	" "	
0	C	" "	
0	B	Haze in hor.	
0	B	"	
0	B	"	
0	B	"	
0	B	"	
0	B	"	
0	B	" ; slight dew.	
4	G	≀≀ scattered about moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 82°6 and 82°7.
4	C	" "	
3	C	" "	
4	C	" "	
5	C	≀≀ scattered throughout moving ESE.	
5	B	" "	
4	B	" "	
2	B	≀≀ scattered around hor.; mist in W; haze in SE and E hor.	
1	B	" " "	
1	G	" " "	
1	G	" " "	
1	G	" " "	
4	G	≀≀ scattered about moving NE; haze in E.	
4	C	≀≀ scattered about moving NE; fresh breezes from NW.	
5	C	" "	
5	C	≀≀ scattered throughout moving ENE; fresh breezes of wind.	
6	C	" " "	
3	B	≀≀ scattered all round hor.; moving ENE.	
2	B	" "	
4	B	≀≀ scattered about moving NE.	
3	B	" "	
6	G	" "	
4	G	" "	
4	G	" "	
4	G	≀≀ scattered around the hor.; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 82°7 and 82°8.
4	C	≀≀ scattered about moving ENE; lightning in E hor. at intervals of about 2m.	
4	C	" " " "	
4	C	≀≀ scattered throughout moving E; dew falling; lightning in E hor. at every 3m.	12th April was the 4th day from the beginning of the year on which lightning was observed after sunset.
5	C	" " " "	
6	B	≀≀ scattered throughout moving slowly to NE; lightning in NE and E hor.	
7	B	≀≀ scattered throughout moving NE.	
4	B	≀≀ scattered about moving; mist in W.	
6	B	" "	
7	G	≀≀ scattered throughout moving ESE; haze in hor.	
6	G	≀≀ scattered throughout moving SE; haze in hor.	
6	G	≀ and ≀≀ scattered throughout, the latter moving SE; mist in W hor.	
6	G	" " "	
6	C	≀ and ≀≀ scattered throughout, both moving ESE; fresh breezes of wind from NW.	
3	C	D and L ≀ scattered throughout moving SE; fresh breezes of wind.	
1	C	≀ scattered about hor.; breezes of wind.	
1	C	≀ in from N to W hor; ≀≀ in E.	
1	B	≀≀ in E hor; haze in E hor.	
0	B	∩ in NE; ≀≀ in E and SE; haze.	
0	B	Clouded from N to SE hor.; lightning in NE hor. at every minute.	
0	B	" " "	
0	G	" " "	
6	G	≀ and ≀≀ scattered throughout, the latter moving E; lightning in E.	
6	G	" " " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −.	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 13th-Midnight	29.803	29.024	78°4	74°0	4°4	72°3	0.779	0·82	79°0	80.8	NW b N	1.0					
1 a. m.	.796	·013	78·0	74.0	4.0	72.3	.783	.83	78.9	80.8	„	0.7					
2 „	.792	28.990	78.0	74.5	3.5	73.0	.802	.85	78.9	80.8	NNW	0.5					
3 „	.784	.982	78.0	74.5	3.5	73.0	.802	.85	78.8	80.8	„	0.5					
4 „	.790	·988	78.0	74.5	3.5	73.0	.802	.85	78.8	80.7	NW	0.2					
5 „	.811	29·033	76.8	73.5	3.3	72.1	.778	.86	78.0	80.6	„	0.0					
6 „	.835	·057	76.8	73·5	3.3	72.1	.778	.86	78.0	80.6	„	0.0					
7 „	.860	.088	79.0	74.0	5.0	71.8	.772	.80	78.8	80.6	NW b W	0.2					
8 „	.875	.094	80.6	75.0	5.6	72.2	.781	.78	79.9	80.6	WNW	0.2					
9 „	.876	·123	82.5	74.5	8.0	71.1	.753	.70	80.2	80.7	„	0.1					
10 „	.863	.097	83.0	75.0	8.0	71.6	.766	.70	81.0	80.8	NW	0.2	None.	None.	None.	None.	None
11 „	.845	.038	84.2	76.4	7.8	73.2	.807	.71	81·9	80.9	WNW	0.3					
Noon.	.825	.003	85.0	77.0	8.0	73.8	.822	.68	82.4	81.0	„	0.6					
1 p. m.	·802	28·991	86.0	77.0	9.0	73.4	.811	.67	83.0	81.1	NW b N	0.9					
2 „	·778	·991	86.0	76.4	9.6	72.5	.787	.65	83.4	81.2	„	1.3					
3 „	.750	·990	86.3	75.8	10.5	71.4	.760	.62	83.4	81.3	„	1.0					
4 „	.741	.977	86·0	75.8	10.2	71.5	.764	.63	83.3	81.4	„	0.9					
5 „	.741	29.022	83.8	74.0	9.8	69.7	.719	.64	82.8	81.5	„	0.8					
6 „	.759	.028	81.0	73.5	7.5	70.2	.731	.71	81.0	81.5	„	0.7					
7 „	·770	.028	80.0	73.5	6.5	70.6	.742	.74	80.5	81.4	„	0.6					
8 „	·785	·056	79.5	73.0	6.5	70.1	.729	.74	80.2	81.4	NNW	0.4					
9 „	.788	.105	78.5	72.0	6.5	69.0	.703	.74	80.0	81.4	„	0.3					
10 „	.799	·096	78.5	72.0	6.5	69.0	.703	.74	79.2	81.4	„	0.2					
11 „	.791	.082	78.0	72.0	6.0	69.2	.709	.76	78.7	81.2	„	0.3					
Apr. 14th-Midnight	.788	28.998	77.4	74.0	3.4	72.6	·790	.85	78.0	81.0	NNW	0.2					
1 a. m.	.777	29.013	77.0	73.2	3.8	71·5	·764	.84	78.0	81.0	„	0.3					
2 „	.762	.003	76.8	73.0	3.8	71.3	·759	.84	78.0	81.0	„	0.3					
3 „	.754	.022	76.6	72.2	4.4	70.2	.732	.81	78.0	80.9	„	0.2					
4 „	.755	.030	76.3	71·9	4.4	69.9	.725	.81	77·8	80.7	„	0.2					
5 „	.780	.035	76.0	71.0	5.0	68.6	·695	.79	77.2	80.7	N	0.1					
6 „	.784	.084	75.5	71.0	4.5	68.8	·700	.81	77.0	80.5	„	0.0					
7 „	.796	.289	78.2	72.0	6.2	69.1	.707	.75	78.0	80·5	„	0.1					
8 „	.817	.128	80.8	72.3	8.5	68.3	·689	.67	79.0	80.6	„	0.1					
9 „	.819	.117	82.0	73.0	9.0	68.9	·702	.66	80.0	80.7	„	0.2					
10 „	.812	.063	82.9	74.5	8.4	70.9	.749	.68	80.5	80.7	N b W	0.2					
11 „	.799	.080	83.8	74.0	9.8	69.7	.719	.64	81·0	80.7	NW b N	0.1	None.	None.	None.	None.	None
Noon.	.781	.050	84.5	74.5	10.0	70.2	.731	.64	81.6	80.8	NW	0.5					
1 p. m.	.745	.007	85.5	75.0	10.5	70.5	.738	.62	82.3	80.8	WNW	0.4					
2 „	.724	28.958	85.8	75.8	10.0	71.6	.766	.64	82.8	80.9	„	0.5					
3 „	.706	.934	86.0	76.0	10.0	71.8	.772	.64	83.0	81.0	„	0.5					
4 „	.699	.932	85.7	75.8	9.9	71.6	.767	.64	83.3	81.1	„	0.5					
5 „	.708	.960	84.6	75.0	9.6	70.9	.748	.65	83.0	81.2	„	0.3					
6 „	.726	.978	81.2	74.0	7.2	70.9	.748	.72	81.2	81.2	„	0.5					
7 „	.743	29.002	79.5	73.3	6.2	70.6	.741	.75	80.0	81.2	„	0.5					
8 „	.751	·048	78.5	72.0	6.5	69.0	.703	.74	79.4	81.2	W b S	0·4					
9 „	.773	.066	78.2	72.0	6.2	69.1	.707	·75	79.2	81.2	WNW	0.5					
10 „	.781	.072	78.0	72.0	6.0	69.2	.709	.76	78.5	81.0	NW b W	0.6					
11 „	.782	.033	77.7	73.0	4.7	70.9	.749	.81	78.0	80.9	„	0.5					
Apr. 15th-Midnight	.775	.018	77.0	73.0	4.0	71.2	·757	.83	77.9	80.8	NW	0.3					
1 a. m.	.769	.044	75.2	71.6	3.6	69.9	·725	·84	77·2	80.6	„	0.0					
2 „	.766	.053	74.4	71.0	3.4	69.4	·713	.85	76.6	80.6	„	0.0					
3 „	.763	.045	74.6	71.2	3.4	69.6	·718	·85	76.2	80·5	„	0.0					
4 „	.765	.025	75.2	72.0	3.2	70.5	·740	.86	76.4	80.4	„	0·0					
5 „	.776	28.997	75.0	73.0	2.0	72.1	·779	.91	76.4	80.3	„	0.1					
6 „	.788	29.034	75.6	72.5	3.1	71.1	·754	.87	76.7	80.2	NE b N	0.2					
7 „	.809	.063	78.0	73.0	5.0	70·8	·746	.79	78·0	80.2	„	0.3	None.	None.	None.	None.	None
8 „	.828	.108	80.4	73.0	7.4	69.7	.720	.71	79.0	80.3	NNE	0.2					
9 „	.839	.086	82.5	74.5	8.0	71.1	.753	.70	80·0	80.4	„	0.2					
10 „	.836	.117	83.8	74.0	9.8	69.7	.719	.64	81.0	80.4	NNW	0.3					
11 „	.827	.070	84.6	75.2	9.4	71.2	.757	.65	81.5	80.5	NW b N	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ≀≀ nimbi.	
6	G	D ≀≀ and L ≀≀ scattered throughout both moving E; lightning in N and NE hor. at every minute; fresh breezes.	Mean daily temperature of ground 20 and 60 inches below its surface 82°8 and 82°8.
5	C	≀≀ and ≀≀ scattered throughout moving ENE; lightning in E hor. at every 2m.	
4	C	" " " "	
4	C	≀≀ scattered throughout moving SE; lightning in E and SE hor.	13th April was the 5th day on which lightning was observed after sunset.
4	C	" "	
4	B	≀≀ scattered about moving ESE; no lightning.	
4	B	≀≀ scattered about moving ENE; mist in W hor.	
5	B	" " "	
5	B	" " "	
6	G	≀≀ scattered throughout moving E; haze in hor.	
5	G	" " "	
5	G	" " "	
2	G	≀ and ≀≀ scattered about; haze in hor.	
5	C	≀≀ in W, and ≀ throughout, moving ENE; haze in E hor.	
5	C	⌒≀ in E; ≀≀ in W; and ≀ throughout; fresh breezes from NW.	
3	C	" " " "	
2	C	⌒≀ from NE to E hor.; ≀≀ in W hor.; and ≀ scattered about.	
0	B	⌒≀ in E and a few ≀ here and there.	
0	B	" " " ; lightning was observed after 6h. 45m. in E hor.	
0	B	≀ in S and ⌒≀ in E; lightning in E hor. at intervals of 40s.	
0	B	Clouded along the hor. from NE to SE; lightning in E and SE at every minute.	
0	G	" " " "	
0	G	A few clouds in NE, E and SE hor.; lightning in NE and E hor.	
0	G	" " " "	
0	G	A few clouds along the E hor.; slight dew falling; lightning in NE.	Mean daily temperature of ground 20 and 60 inches below its surface 83°0 and 83°0.
4	N	≀≀ scattered about moving SE; no lightning.	
3	N	" " "	
3	N	" " "	14th April was the 6th day on which lightning was observed.
2	N	" " "	
2	B	≀≀ scattered around hor.	
2	B	" "	
1	B	" " ; haze in E hor.	
2	B	≀≀ scattered about moving SE; haze in E and SE hor.	
2	G	" " "	
3	G	" " "	
3	G	" " "	
1	G	≀≀ scattered around hor.; haze.	
0	N	Cloudless; thin mist in hor.	
0	N	" "	
0	N	" "	
0	N	" "	
0	B	Clear.	
0	B	"	
0	B	"	
0	B	"	
0	G	A few ≀ in W above hor.	
0	G	" "	
1	G	≀≀ in W above hor.	
2	G	≀≀ scattered around hor.; slight dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 83°0 and 83°0.
0	N	Cloudless; dew falling.	
0	N	" "	
1	N	≀≀ scattered about moving SE; dew falling.	
0	N	A few clouds in E hor.; dew falling.	
0	B	" " "	
0	B	A few ≀≀ in N; mist in W and fog in E.	
0	B	Black mist in W and haze in E.	
0	B	" " "	
0	G	" " "	
0	G	" " "	
0	G	" " "	

BOMBAY METEOROLOGICAL OBSERVATIONS, 1864.

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in secs. for the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 15th-Noon.	29.803	29.024	85°4	76°0	9°4	72°1	0.779	0.66	82°0	80°6	NW b N	0.6					
1 p. m.	.768	28.998	86.2	76.0	10.2	71.8	.770	.63	83.0	80.8	„	0.8					
2 „	.751	.981	86.2	76.0	10.2	71.8	.770	.63	83.2	81.0	NW	1.5					
3 „	.725	.992	86.0	75.0	11.0	70.2	.733	.61	83.0	81.2	„	1.5					
4 „	.715	29.040	85.0	73.2	11.8	67.7	.675	.58	82.8	81.2	NW b N	1.2					
5 „	.716	.039	84.2	73.0	11.2	67.8	.677	.59	82.5	81.2	„	1.2	None.	None.	None.	None.	None.
6 „	.732	.003	81.2	73.5	7.7	70.1	.729	.70	81.3	81.2	„	1.3					
7 „	.748	.038	79.6	72.5	7.1	69.3	.710	.72	80.2	81.2	„	1.5					
8 „	.766	.034	79.3	73.0	6.3	70.2	.732	.75	80.0	81.2	NNW	1.5					
9 „	.772	.037	79.0	73.0	6.0	70.3	.735	.76	79.8	81.2	„	1.0					
10 „	.775	28.983	78.6	74.4	4.2	72.7	.792	.83	79.2	81.1	„	0.6					
11 „	.769	.977	78.6	74.4	4.2	72.7	.792	.83	79.0	80.9	N b W	0.5					
Apr. 16th-Midnight	.752	29.006	78.0	73.0	5.0	70.8	.746	.79	78.7	80.8	N b W	0.3					
1 a. m.	.746	.030	77.4	72.0	5.4	69.5	.716	.78	78.2	80.7	NNE	0.1					
2 „	.731	.002	76.2	72.0	4.2	70.1	.729	.82	77.3	80.6	„	0.0					
3 „	.723	.021	75.4	71.0	4.4	68.9	.702	.81	76.5	80.5	„	0.0					
4 „	.744	.038	75.0	71.0	4.0	69.1	.706	.83	76.2	80.4	„	0.0					
5 „	.773	.131	74.5	69.0	5.5	66.2	.642	.77	76.0	80.4	„	0.1					
6 „	.789	.133	74.9	69.5	5.4	66.8	.656	.77	76.0	80.2	„	0.1					
7 „	.814	.148	78.6	71.0	7.6	67.3	.666	.70	78.0	80.2	„	0.2					
8 „	.836	.160	81.0	72.0	9.0	67.8	.676	.66	79.0	80.3	E b N	0.2					
9 „	.832	.158	83.8	72.8	11.0	67.7	.674	.60	80.2	80.4	„	0.3					
10 „	.828	.198	85.2	72.0	13.2	65.6	.630	.56	81.8	80.5	E	0.2	None.	None.	None.	None.	None.
11 „	.813	.129	87.0	74.0	13.0	68.1	.684	.55	83.0	80.5	NNW	0.3					
Noon.	.788	.106	87.2	74.0	13.2	68.0	.682	.54	83.5	80.6	„	0.2					
1 p. m.	.738	.063	87.8	74.0	13.8	67.7	.675	.53	83.9	80.9	WNW	0.1					
2 „	.705	28.994	88.0	75.0	13.0	69.3	.711	.55	84.2	81.0	NW b W	0.7					
3 „	.689	.980	88.2	75.0	13.2	69.2	.709	.55	84.5	81.1	„	0.8					
4 „	.683	29.001	87.2	74.0	13.2	68.0	.682	.54	84.7	81.2	NW b N	0.5					
5 „	.699	.042	86.0	73.0	13.0	66.9	.657	.54	84.3	81.4	„	0.2					
6 „	.714	.016	82.4	73.0	9.4	68.7	.698	.65	83.2	81.3	„	0.1					
7 „	.732	.058	81.2	72.0	9.2	67.7	.674	.65	81.4	81.2	„	0.1					
8 „	.742	.059	80.4	72.0	8.4	68.1	.683	.67	80.7	81.0	NW	0.2					
9 „	.760	.066	79.4	72.0	7.4	68.6	.694	.71	79.5	80.9	„	0.1					
10 „	.771	.036	79.0	73.0	6.0	70.3	.735	.76	79.2	80.9	„	0.5					
11 „	.770	.027	78.3	73.0	5.3	70.7	.743	.74	79.0	80.8	NW b N	0.7					
Apr. 18th-Midnight	.792	28.971	78.0	75.0	3.0	73.8	.821	.87	78.9	81.3	N b E	0.6					
1 a. m.	.782	29.022	77.4	73.2	4.2	71.4	.760	.82	78.9	81.3	NNE	0.8					
2 „	.767	.010	77.0	73.0	4.0	71.2	.757	.83	78.7	81.2	„	0.4					
3 „	.760	.026	75.7	72.0	3.7	70.3	.734	.84	78.0	81.1	NE b E	0.1					
4 „	.760	.018	75.0	72.0	3.0	70.6	.742	.87	77.2	81.0	„	0.1					
5 „	.779	.068	74.5	71.0	3.5	69.3	.711	.85	76.6	80.8	„	0.1					
6 „	.803	.092	74.5	71.0	3.5	69.3	.711	.85	76.2	80.6	„	0.1					
7 „	.833	.134	77.3	71.5	5.8	68.8	.699	.76	77.0	80.4	„	0.2					
8 „	.844	.107	80.5	73.5	7.0	70.4	.737	.73	79.0	80.5	„	0.3					
9 „	.842	.141	82.1	73.0	9.1	68.9	.701	.66	80.4	80.6	NE b N	0.2					
10 „	.840	.090	82.9	74.5	8.4	70.9	.749	.68	81.0	80.6	N b E	0.3					
11 „	.831	.100	84.5	74.5	10.0	70.2	.731	.64	81.4	80.6	N	0.2	None.	None.	None.	None.	None.
Noon.	.816	.083	86.0	75.0	11.0	70.2	.733	.61	82.0	80.7	N b W	0.3					
1 p. m.	.785	.013	86.0	76.0	10.0	71.8	.772	.64	83.0	80.9	WNW	0.5					
2 „	.756	.004	86.0	75.5	10.5	71.0	.752	.62	83.0	81.1	NW b W	1.6					
3 „	.745	.016	85.3	74.7	10.6	70.1	.729	.62	82.8	81.2	„	2.0					
4 „	.739	28.999	84.0	74.6	9.4	70.5	.740	.65	82.2	81.2	„	2.0					
5 „	.738	29.003	82.4	74.0	8.4	70.3	.735	.68	81.2	81.3	NW	1.4					
6 „	.757	.033	80.0	73.0	7.0	69.9	.724	.72	80.1	81.3	NW b W	1.0					
7 „	.768	.053	79.1	72.5	6.6	69.5	.715	.74	79.5	81.3	„	0.8					
8 „	.791	.089	78.6	72.0	6.6	68.9	.702	.74	79.2	81.2	„	0.6					
9 „	.800	.083	78.3	73.0	5.3	69.6	.717	.74	79.0	81.1	„	0.5					
10 „	.812	.066	78.0	73.0	5.0	70.8	.746	.79	78.4	80.9	„	0.6					
11 „	.805	.056	77.7	73.0	4.7	70.9	.749	.81	78.0	80.8	„	0.5					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩ cumulo-strati; and ≀≀ nimbi.	
0	G	Black mist in W and haze in E.	
0	N	Cloudless; thin mist in hor.	
0	N	" " "	
0	N	" " "	
0	N	" " "	
0	B	" " "	
0	B	" " "	
0	B	Clear; fresh breezes from NW.	
0	B	" " "	
0	G	Cloudless.	
0	G	"	
0	G	"	
0	G	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 83°0 and 83°0. At 5 A. M. the temperature of evaporation was 69°0, least during the month, and about 5°5 less than the normal mean.
0	D	"	
0	D	"	
0	D	"	
0	D	"	
1	B	A few ≀ in E above hor.	
0	B	" " ; mist in W and fog in E hor.	
0	B	Black mist in W and NW hor; fog in E and SE.	
0	B	" " "	
0	G	A few ≀ in W hor; thick haze in hor.	
0	G	" " "	
0	G	" " "	
0	G	" " "	
0	D	Clear; light mist in hor.	
0	D	" "	
0	D	" "	
0	D	" "	
0	D	" "	
0	D	" "	
0	D	Clear; fresh breezes from NW.	
0	D	" "	
0	D	" "	
0	D	" "	
0	D	Clear.	
6	G	≀≀ and ≀≀ scattered throughout, the latter moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°2 and 83°0.
1	C	≀≀ and ≀≀ scattered around hor.	
1	C	" "	
1	C	" "	
1	C	" " ; slight dew falling.	
1	B	≀≀ scattered around the hor., from N to SE; dew falling.	
0	B	A few ≀≀ in W and NE hor.; fog in E and mist in W.	
0	B	" " "	
0	B	Cloudless; haze in hor.	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	Clear; fresh breezes from NW.	
0	C	" "	
0	C	" "	
0	C	" "	
0	B	" "	
0	B	A few ≀ in NE and E above the hor.	
0	B	A few ≀≀ in W and ≀ in SE.	
0	B	Cloudless.	
0	G	A few ≀≀ about the zenith.	
0	G	≀≀ scattered about the zenith.	
5	G	≀≀ scattered throughout moving N.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or−	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between receiving max. degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 19th-Midnight	29.789	29.029	77°4	73°2	4°2	71°4	0.760	0.82	77°5	80°8	NW	0.7					
1 a. m.	.783	.026	77.0	73.0	4.0	71.2	.757	.83	77.5	80.8	NW b N	0.5					
2 „	.769	.028	76.8	72.5	4.3	70.6	.741	.82	77.5	80.8	„	0.4					
3 „	.758	.034	76.6	72.0	4.6	69.9	.724	.81	77.4	80.7	„	0.5					
4 „	.764	.040	76.6	72.0	4.6	69.9	.724	.81	77.4	80.7	„	0.4					
5 „	.785	.073	75.5	71.3	4.2	69.3	.712	.82	76.8	80.4	„	0.2					
6 „	.802	.093	75.1	71.1	4.0	69.2	.709	.83	76.1	80.3	N b W	0.3					
7 „	.831	.122	78.0	72.0	6.0	69.2	.709	.76	78.0	80.3	„	0.2					
8 „	.850	.128	80.2	73.0	7.2	69.8	.722	.72	79.0	80.4	N b E	0.4					
9 „	.858	.115	82.5	74.5	8.0	71.1	.753	.70	80.5	80.5	„	0.3					
10 „	.851	.089	83.4	75.0	8.4	71.4	.762	.68	81.0	80.6	N b W	0.2					
11 „	.840	.096	85.0	75.0	10.0	70.7	.744	.64	82.0	80.7	WNW	0.6	None.	None.	None.	None.	None.
Noon.	.815	.086	85.3	74.7	10.6	70.1	.729	.62	82.1	80.8	W b N	0.6					
1 p. m.	.790	.035	85.4	75.4	10.0	71.2	.755	.64	83.0	80.9	NW b W	0.8					
2 „	.775	28.992	85.9	76.0	9.0	72.3	.783	.67	82.8	81.1	NW	1.2					
3 „	.755	.992	85.0	75.5	9.5	71.5	.763	.65	82.8	81.2	„	1.6					
4 „	.746	.977	84.5	75.5	9.0	71.7	.769	.67	82.3	81.2	NNW	1.5					
5 „	.753	.974	82.6	75.2	7.4	72.1	.779	.72	81.6	81.3	„	1.0					
6 „	.772	.975	80.2	75.0	5.2	72.9	.797	.79	80.5	81.3	„	0.8					
7 „	.786	.989	79.5	74.8	4.7	72.9	.797	.81	80.0	81.3	„	0.7					
8 „	.798	.988	79.0	75.0	4.0	73.3	.810	.84	79.8	81.3	„	0.5					
9 „	.812	29.020	78.6	74.4	4.2	72.7	.792	.83	79.0	81.2	„	0.4					
10 „	.829	.037	78.6	74.4	4.2	72.7	.792	.83	79.0	81.1	„	0.3					
11 „	.819	.037	78.4	74.0	4.4	72.2	.782	.82	78.7	81.0	N b W	0.6					
Apr. 20th-Midnight	.809	.023	78.0	74.0	4.0	72.4	.786	.83	78.2	80.9	N b W	0.6					
1 a. m.	.794	.066	77.3	72.3	5.0	70.0	.728	.79	78.2	80.9	N	0.5					
2 „	.786	.058	77.3	72.3	5.0	70.0	.728	.79	78.2	80.9	N b E	0.6					
3 „	.777	.053	76.6	72.0	4.6	69.9	.724	.81	78.0	80.8	„	0.2					
4 „	.776	.663	76.0	71.5	4.5	69.4	.713	.81	77.4	80.7	NNE	0.2					
5 „	.788	.089	75.6	71.0	4.6	68.8	.699	.81	77.0	80.5	NE b N	0.6					
6 „	.813	.113	75.5	71.0	4.5	68.8	.700	.81	76.5	80.4	„	0.2					
7 „	.837	.141	77.6	71.5	6.1	68.6	.696	.75	78.0	80.4	ENE	0.2					
8 „	.845	.139	81.6	73.0	8.6	69.1	.706	.67	80.0	80.5	E b S	0.2					
9 „	.849	.158	83.0	73.0	10.0	68.4	.691	.68	80.9	80.5	„	0.3					
10 „	.845	.155	84.8	73.5	11.3	68.4	.690	.59	81.5	80.6	NE b E	0.2					
11 „	.827	.089	85.5	75.0	10.5	70.5	.738	.62	82.0	80.6	N b W	0.6	None.	None.	None.	None.	None.
Noon.	.792	.020	86.0	76.0	10.0	71.8	.772	.64	82.5	80.8	NNW	0.6					
1 p. m.	.775	.003	86.7	76.2	10.5	71.8	.772	.63	83.4	80.9	NW b W	0.9					
2 „	.743	28.977	86.5	76.0	10.5	71.6	.766	.63	83.5	81.0	„	1.3					
3 „	.727	.952	85.7	76.0	9.7	72.0	.775	.65	83.3	81.2	„	1.2					
4 „	.722	.945	85.5	76.0	9.5	72.0	.777	.66	83.2	81.3	„	1.1					
5 „	.723	.951	83.2	75.2	8.0	71.8	.772	.70	82.3	81.3	„	1.3					
6 „	.731	.949	81.5	75.0	6.5	72.2	.782	.75	81.5	81.3	NW	1.0					
7 „	.738	.952	80.5	74.8	5.7	72.4	.786	.77	80.8	81.3	„	0.8					
8 „	.766	.969	80.2	75.0	5.2	72.9	.797	.79	80.5	81.2	„	0.5					
9 „	.793	.951	79.6	76.0	3.6	74.6	.842	.85	80.0	81.2	NW b N	0.4					
10 „	.807	.986	79.4	75.4	4.0	73.8	.821	.84	80.0	81.2	„	0.3					
11 „	.801	29.069	79.3	73.0	6.3	70.2	.732	.75	79.8	81.2	„	0.2					
Apr. 21st-Midnight	.786	.002	78.4	74.0	4.4	72.3	.784	.82	79.2	81.1	NNW	0.4					
1 a. m.	.778	.014	78.0	73.5	4.5	71.5	.764	.81	79.0	81.0	„	0.6					
2 „	.773	.027	78.0	73.0	5.0	70.8	.746	.79	78.9	80.9	N b W	0.3					
3 „	.762	.001	76.6	73.0	3.6	71.4	.761	.85	78.0	80.8	N b E	0.2					
4 „	.764	.029	76.3	72.2	4.1	70.3	.735	.83	77.5	80.7	„	0.3					
5 „	.772	.038	75.7	72.0	3.7	70.3	.734	.84	77.0	80.6	NNE	0.2	None.	None.	None.	None.	None.
6 „	.786	.052	75.7	72.0	3.7	70.3	.734	.84	76.2	80.4	„	0.3					
7 „	.822	.087	79.0	73.0	6.0	70.3	.735	.76	78.3	80.4	„	0.1					
8 „	.842	.135	82.2	73.2	9.0	69.1	.707	.66	79.6	80.5	„	0.2					
9 „	.854	.134	83.7	74.0	9.7	69.7	.720	.64	81.0	80.6	„	0.3					
10 „	.851	.107	85.0	75.0	10.0	70.7	.744	.64	82.0	80.7	N b W	0.2					
11 „	.838	.100	86.3	75.2	11.1	70.5	.738	.60	82.4	80.8	W	0.2					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒≀ cumuli; ⌣≀ cirro-strati; ⌒≀ cumulo-strati; and ≀≀ nimbi.	
4	G	≀≀ scattered throughout moving NNE; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 83°1.
4	C	" " " "	
5	C	≀≀ scattered about, moving ENE.	
5	C	" " "	
5	C	" " "	
4	B	≀≀ scattered about moving SE.	
2	B	≀≀ scattered around hor.; D mist in hor.	
1	B	" " "	
1	B	" " "	
1	G	" " "	
2	G	≀≀ scattered all round hor.; mist in W and haze in E hor.	
1	G	" " " "	
1	G	" " " "	
1	C	≀≀ scattered about; haze in hor.	
1	C	" "	
1	C	≀ in SE; haze in hor.; fresh breezes of wind from NW.	
1	C	" " " "	
1	B	≀ scattered around hor.; hazy.	
2	B	≀ and ≀≀ scattered all round hor.	
3	B	≀ in SE above the hor.; ≀≀ scattered about in W hemisphere.	
4	B	≀≀ scattered throughout moving E.	
2	G	" " "	
4	G	" " "	
6	G	≀≀ and L ≀≀ scattered throughout moving SE.	
5	G	≀≀ and ≀≀ scattered throughout, the latter moving SE.	
1	C	≀≀ in E, N, and W above hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°4 and 83°1.
1	C	≀≀ scattered around hor.	
1	C	" "	
1	C	≀ above the W hor.; ≀≀ scattered about.	
5	B	≀ and ≀≀ scattered throughout.	
6	B	≀ scattered throughout; mist in W and fog in E hor.	
4	B	" " "	
3	B	≀ scattered around hor.; mist in W and haze in E.	
3	G	" " "	
4	G	" " "	
6	G	" " "	
4	G	" " "	
4	C	" "	
6	C	≀ scattered throughout, moving slowly ENE; haze in hor.	
6	C	" " " "	
5	C	" " " "	
3	B	≀ scattered around hor.; hazy.	
5	B	" "	
4	B	≀ scattered about and ≀≀ in W hor.	
1	B	≀ scattered about here and there.	
1	G	" "	
0	G	Cloudless.	
0	G	"	
2	G	≀≀ scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°2.
1	C	" "	
0	C	A few ≀≀ in W above hor.	
0	B	Cloudless; slight dew falling.	
0	B	" "	
0	G	A few ≀ in hor. here and there; slight dew.	
0	G	" " "	
0	C	Cloudless; thick mist in hor.	
0	C	" "	
0	B	Mist in W and haze in E hor.	
0	B	" " "	
0	G	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 21st-Noon.	29.814	29.053	87°0	76°0	11°0	71°4	0.761	0.61	83°0	80°9	WSW	0.4					
1 p. m.	.780	28.991	88.0	77.0	11.0	72.6	.789	.61	83.6	81.0	WNW	0.3					
2 „	.748	.935	88.0	77.6	10.4	73.5	.813	.63	84.4	81.2	„	0.4					
3 „	.731	.942	88.0	77.0	11.0	72.6	.789	.61	84.9	81.4	NW b W	0.7					
4 „	.717	.913	87.4	77.2	10.2	73.1	.804	.64	84.5	81.5	„	0.8	None.	None.	None.	None.	None.
5 „	.718	.888	85.8	77.4	8.4	74.1	.830	.69	82.0	81.5	NW	0.7					
6 „	.732	.927	83.0	76.0	7.0	73.2	.805	.73	81.7	81.6	NW b W	0.6					
7 „	.753	29.005	81.2	74.0	7.2	70.9	.748	.72	81.3	81.7	„	0.6					
8 „	.780	.006	80.6	74.5	6.1	71.9	.774	.76	81.2	81.7	„	0.4					
9 „	.795	28.996	80.0	75.0	5.0	73.0	.799	.80	80.6	81.6	NW b N	1.0					
10 „	.816	29.017	80.0	75.0	5.0	73.0	.799	.80	80.6	81.5	„	1.8					
11 „	.797	28.976	79.4	75.4	4.0	73.3	.821	.84	80.0	81.4	„	2.7					
Apr. 22nd-Midnight	.794	.973	79.4	75.4	4.0	73.8	.821	.84	80.0	81.4	NNW	2.0					
1 a. m.	.782	.991	79.0	74.5	4.5	72.6	.791	.82	80.0	81.4	N b E	1.3					
2 „	.758	.975	78.0	74.0	4.0	72.3	.783	.83	79.5	81.3	„	0.8					
3 „	.744	.969	77.0	73.5	3.5	72.0	.775	.85	78.7	81.2	NNE	0.5					
4 „	.745	29.021	76.6	72.0	4.6	69.9	.724	.81	78.1	81.2	NE b N	0.2					
5 „	.762	.097	75.5	70.0	5.5	67.2	.665	.77	77.0	81.0	„	0.2					
6 „	.783	.144	74.8	69.0	5.8	66.0	.639	.75	76.2	80.7	„	0.1					
7 „	.806	.123	78.8	71.5	7.3	68.1	.683	.71	78.2	80.6	„	0.1					
8 „	.826	.156	82.2	72.2	10.0	67.5	.670	.62	80.1	80.8	N b E	0.1					
9 „	.834	.167	84.2	73.0	11.2	67.8	.677	.59	81.0	80.8	NW	0.2					
10 „	.833	.114	85.3	74.7	10.6	70.1	.729	.62	81.9	81.0	NW b W	0.3					
11 „	.840	.068	86.0	76.0	10.0	71.8	.772	.64	83.2	81.0	„	0.4					
Noon.	.798	.032	86.5	76.0	10.5	71.6	.766	.63	83.3	81.1	NW b N	0.3	None.	None.	None.	None.	None.
1 p. m.	.765	28.957	87.0	77.2	9.8	73.3	.808	.65	84.0	81.2	WNW	0.3					
2 „	.731	.933	87.2	77.0	10.2	72.9	.798	.64	84.3	81.4	„	0.9					
3 „	.707	.904	86.7	77.0	9.7	73.1	.803	.65	84.3	81.5	NW b W	1.3					
4 „	.697	.906	86.0	76.5	9.5	72.6	.791	.66	84.0	81.7	„	1.0					
5 „	.695	.923	84.6	75.6	9.0	71.8	.772	.67	83.2	81.6	„	1.2					
6 „	.706	.922	82.4	75.3	7.1	72.3	.784	.73	82.4	81.6	NW	1.0					
7 „	.714	.926	81.0	75.0	6.0	72.5	.788	.76	81.5	81.6	NW b W	0.8					
8 „	.738	.945	80.5	75.0	5.5	72.7	.793	.78	81.2	81.5	NW b N	0.7					
9 „	.752	.959	80.5	75.0	5.5	72.7	.793	.78	80.4	81.5	NNW	0.6					
10 „	.771	.972	80.0	75.0	5.0	73.0	.799	.80	80.0	81.5	„	0.7					
11 „	.767	29.004	79.8	74.0	5.8	71.5	.763	.77	79.9	81.5	„	0.7					
Apr. 23rd-Midnight	.744	28.981	79.8	74.0	5.8	71.5	.763	.77	79.9	81.5	NNW	1.1					
1 a. m.	.733	.963	79.2	74.0	5.2	71.8	.770	.79	79.7	81.5	N b W	0.8					
2 „	.719	.953	77.5	73.4	4.1	71.6	.766	.83	79.2	81.4	„	0.2					
3 „	.709	.961	76.8	72.7	4.1	70.9	.748	.83	78.6	81.3	N	0.1					
4 „	.712	.984	76.6	72.1	4.5	70.0	.728	.81	78.1	81.3	„	0.1					
5 „	.729	.998	76.0	72.0	4.0	70.2	.731	.83	77.6	81.1	„	0.1					
6 „	.742	29.024	75.6	71.5	4.1	69.6	.718	.83	77.0	81.0	„	0.2					
7 „	.770	.093	79.3	71.5	7.8	67.8	.677	.69	79.0	80.9	„	0.1					
8 „	.780	.025	84.0	75.0	9.0	71.2	.755	.67	81.0	81.0	N b E	0.3					
9 „	.790	.024	86.5	76.0	10.5	71.6	.766	.63	82.7	81.0	„	0.2					
10 „	.785	.029	88.2	76.2	12.0	71.2	.756	.58	84.0	81.2	„	0.3					
11 „	.768	28.990	89.0	77.0	12.0	72.1	.778	.59	84.7	81.4	NNW	0.6					
Noon.	.743	.965	89.0	77.0	12.0	72.1	.778	.59	85.0	81.5	NW b N	0.6	None.	None.	None.	None.	None.
1 p. m.	.721	.909	88.4	77.7	10.7	73.4	.812	.62	85.2	81.7	NW	1.0					
2 „	.690	.940	88.0	76.0	12.0	71.0	.750	.58	85.2	81.8	„	2.2					
3 „	.667	.933	87.7	75.5	12.2	70.3	.734	.58	85.2	82.0	„	2.4					
4 „	.659	.939	87.2	75.0	12.2	69.7	.720	.57	85.1	82.1	„	2.5					
5 „	.653	.924	85.3	74.7	10.6	70.1	.729	.62	83.2	82.2	„	1.6					
6 „	.672	.939	82.5	74.0	8.5	70.2	.733	.68	82.0	82.2	NNW	1.4					
7 „	.702	.954	81.2	74.0	7.2	70.9	.748	.72	81.1	82.2	„	0.7					
8 „	.726	.976	81.0	74.0	7.0	71.0	.750	.73	81.0	82.1	„	0.5					
9 „	.737	29.048	80.8	72.3	8.5	68.3	.689	.67	80.7	82.0	„	0.4					
10 „	.745	.056	80.3	72.3	8.5	68.3	.689	.67	80.5	82.0	„	0.3					
11 „	.739	.072	80.0	72.0	8.0	68.2	.687	.69	80.2	81.9	„	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: Ni cirri; Ni cirro-cumuli; Ci cumuli; Ci cirro-strati; Ci cumulo-strati; and Ni nimbi.	Remarks.
0	G	A few Ni in S hor.; mist in W. and haze in E.	
0	C	A few Ni scattered about the W hor.; haze	
0	C	" "	
0	B	Haze in E hor.	
0	B	" "	
0	G	" "	
0	G	A few Ni here and there in the hor.	
1	C	Ni scattered above hor. in E and W.	
1	C	Ni scattered about in E.	
0	B	Cloudless.	
0	B	A few Ni about the E hor.; fresh breezes of wind.	
0	G	" " "	
0	G	A few Ni scattered about hor.; fresh breezes from NW	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°2.
0	C	" " "	
0	C	Cloudless; fresh breezes continue; slight dew falling.	
0	C	Cloudless; slight dew falling.	
0	C	" "	
0	B	A few Ni in SE above hor.	
0	B	A few Ni in SE above hor.; fog in E and mist in W.	
0	B	Mist in W. and fog in E hor.	
0	B	" "	
0	G	" "	
0	G	Haze around hor.	
0	G	" "	
0	G	" "	
0	C	Light mist in W and haze in E; fresh breezes from NW	
0	C	" " " "	
0	C	" " " "	
0	C	" " " "	
0	B	Haze in hor.	
0	B	" "	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	" "	
0	G	Cloudless; fresh breezes from NW.	Mean daily temperature of ground 20 and 60 inches below its surface 83°7 and 83°3. Height of barometer at 5 P.M. was 29·653 in. lowest in the month, and about 0·088 in. lower than the normal mean.
0	C	" " "	
0	C	Clear.	
0	C	A few Ni in S above hor.; slight dew.	
0	C	" " "	
0	B	Cloudless; slight dew falling.	
0	B	Fog in E hor.	
0	B	" "	
0	B	" "	
0	G	Mist in W hor. and haze in E hor.	
0	G	" " "	
1	G	Ni and Ci scattered above the hor. from NE to SE; haze.	
1	G	" " " "	
1	C	Ni and Ci in SE and E hor.; fresh breezes from NW.	
1	C	" " "	
0	C	A few Ci in SE hor.; haze in hor.	
0	C	" " "	
0	G	" " "	
0	G	" " "	
0	G	" " "	
1	G	Ci scattered around the hor. from NE to SE.	
1	G	" " "	
1	G	" " "	
1	G	Ci scattered around the hor. from NE to SE; slight dew.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind Prof. Osler's Gauge. Direction.	Wind Prof. Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 25th-Midnight	29.790	28.884	81°0	78°0	3°0	76°8	0.906	0.88	81°9	82°6	W b S	0.3					
1 a. m.	.782	.876	81.0	78.0	3.0	76.8	.906	.88	82.0	82.6	SSW	0.2					
2 „	.781	.910	80.5	77.0	3.5	75.6	.871	.86	81.6	82.5	„	0.5					
3 „	.780	.923	80.0	76.5	3.5	75.1	.857	.86	81.2	82.4	S b W	0.9					
4 „	.792	.935	80.0	76.5	3.5	75.1	.857	.86	81.1	82.4	„	0.5					
5 „	.824	.984	79.8	76.0	3.8	74.5	.840	.85	81.0	82.4	SSW	0.7					
6 „	.854	29.008	80.0	76.2	3.8	74.7	.846	.85	81.0	82.3	S b W	0.7					
7 „	.871	.016	82.0	77.0	5.0	75.0	.855	.80	82.0	82.3	SSW	0.6					
8 „	.882	.005	83.6	78.0	5.6	75.8	.877	.78	82.6	82.4	S	0.4					
9 „	.889	.027	85.0	78.0	7.0	75.3	.862	.74	83.0	82.4	„	0.6	None.	None.	None.	None.	None.
10 „	.888	.045	86.7	78.0	8.7	74.6	.843	.68	83.9	82.4	„	0.6					
11 „	.880	.026	88.8	78.8	10.0	75.0	.854	.65	85.0	82.5	S b W	0.5					
Noon.	.876	.027	90.0	79.0	11.0	74.8	.849	.62	86.0	82.6	„	0.6					
1 p. m.	.862	.022	90.8	79.0	11.8	74.5	.840	.60	86.7	82.8	SW	0.5					
2 „	.843	28.991	91.7	79.5	12.2	74.9	.852	.59	87.4	83.1	SW b W	0.5					
3 „	.828	.976	91.7	79.5	12.2	74.9	.852	.59	87.5	83.2	„	0.4					
4 „	.828	.963	90.5	79.5	11.0	75.4	.865	.63	87.3	83.3	SW	0.3					
5 „	.834	.974	89.0	79.0	10.0	75.2	.860	.65	86.3	83.4	WSW	0.3					
6 „	.855	29.006	86.2	78.0	8.2	74.8	.849	.70	85.5	83.4	SW b W	0.3					
7 „	.875	.002	84.0	78.0	6.0	75.7	.873	.77	84.5	83.4	SW	0.5					
8 „	.891	.013	83.5	78.0	5.5	75.9	.878	.79	84.1	83.4	SW b S	0.3					
9 „	.929	.045	83.0	78.0	5.0	76.1	.884	.80	84.0	83.4	„	0.4					
10 „	.940	.065	82.7	77.7	5.0	75.8	.875	.80	82.8	83.4	S b W	0.3					
11 „	.920	.065	82.0	77.0	5.0	75.0	.855	.85	82.0	83.4	„	0.4					
Apr. 26th-Midnight	.912	.057	82.0	77.0	5.0	75.0	.855	.85	82.0	83.3	S b W	0.2					
1 a. m.	.904	.076	81.7	77.0	4.7	74.0	.828	.81	82.0	83.3	„	0.2					
2 „	.894	.966	81.7	77.0	4.7	74.0	.828	.81	82.0	83.3	„	0.3					
3 „	.878	28.975	81.3	78.0	3.3	76.7	.903	.87	81.9	83.2	„	0.2					
4 „	.881	.976	81.1	78.0	3.1	76.8	.905	.87	81.9	83.2	„	0.2					
5 „	.902	29.013	80.8	77.5	3.3	76.3	.889	.87	81.9	83.1	„	0.0					
6 „	.925	.060	81.1	77.0	4.1	75.4	.865	.84	81.9	83.0	SSW	0.2					
7 „	.945	.063	83.2	78.0	5.2	76.0	.882	.80	82.7	83.0	S b W	0.2					
8 „	.957	.049	85.4	79.2	6.2	76.9	.908	.76	84.0	83.0	„	0.3					
9 „	.961	.118	86.7	78.0	8.7	74.6	.843	.68	84.5	83.1	„	0.2					
10 „	.960	.093	88.0	78.9	9.1	75.5	.867	.67	85.0	83.1	SW b S	0.3	None.	None.	None.	No e.	None.
11 „	.953	.087	89.2	79.2	10.0	75.4	.866	.65	85.7	83.2	SW	0.2					
Noon.	.942	.082	89.0	79.0	10.0	75.2	.860	.65	86.0	83.3	W	0.3					
1 p. m.	.919	.073	90.3	79.0	11.3	74.7	.846	.61	87.0	83.4	WSW	0.4					
2 „	.906	.018	90.4	80.0	10.4	76.2	.888	.64	87.1	83.5	W b N	0.3					
3 „	.888	28.976	90.0	80.5	9.5	77.0	.912	.67	87.1	83.6	„	0.4					
4 „	.877	.975	89.0	80.0	9.0	76.7	.902	.68	86.7	83.7	WNW	0.3					
5 „	.873	.995	87.4	79.0	8.4	75.9	.878	.69	86.0	83.8	„	0.6					
6 „	.886	.997	84.8	78.8	6.0	76.3	.889	.77	84.5	83.8	„	0.3					
7 „	.910	29.013	83.8	78.5	5.3	76.5	.897	.80	84.0	83.8	„	0.2					
8 „	.922	.018	83.1	78.5	4.6	76.8	.904	.82	83.9	83.7	W	0.2					
9 „	.917	.042	82.7	77.7	5.0	75.8	.875	.80	83.0	83.6	„	0.2					
10 „	.911	.060	82.4	77.0	5.4	74.9	.851	.79	83.0	83.6	„	0.3					
11 „	.909	.054	82.0	77.0	5.0	75.0	.855	.80	82.7	83.6	„	0.2					
Apr. 27th-Midnight	.899	.111	81.7	75.2	6.5	72.5	.788	.75	82.1	83.6	SW b W	0.4					
1 a. m.	.896	.112	81.4	75.0	6.4	72.3	.784	.75	82.1	83.6	W b S	0.4					
2 „	.869	.044	81.2	76.0	5.2	73.9	.825	.79	82.0	83.5	„	0.2					
3 „	.854	28.997	81.1	76.8	4.3	75.1	.857	.83	82.0	83.4	W	0.3	None.	None.	None.	None.	None.
4 „	.863	.981	81.0	77.4	3.6	76.0	.882	.85	82.0	83.3	W b N	0.2					
5 „	.884	29.013	80.5	77.0	3.5	75.6	.871	.86	81.3	83.1	WNW	0.1					
6 „	.896	.006	80.7	77.5	3.2	76.3	.890	.87	81.6	83.0	„	0.3					
7 „	.916	.034	83.2	78.0	5.2	76.0	.882	.80	82.6	83.1	„	0.2					
8 „	.934	.049	84.4	78.4	6.0	76.1	.885	.77	83.2	83.3	NW b W	0.3					
9 „	.941	.012	85.8	79.8	6.0	77.6	.929	.77	84.0	83.3	NW	0.2					
10 „	.929	.028	86.5	79.4	7.1	76.7	.901	.74	84.4	83.4	„	0.3					
11 „	.922	.007	87.8	80.0	7.8	77.2	.915	.72	85.0	83.5	NW b W	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩≀ cumulo-strati; and ≀⌣ nimbi.	
6	G	≀≀ scattered throughout moving WNW; slight dew; lightning in E hor. every minute.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 83°3. At 2 and 3 P. M. the temperature of air was 91°7 greatest in the month, and about 2°7 greater than the normal mean.
6	C	≀≀ throughout moving WNW, slight dew; continuous lightning in E hor.	
8	C	≀≀ and L ≀≀ throughout; the ≀≀ moving N; slight dew; lightning in E at intervals of 1m. 30s.	
8	C	Overcast with ≀≀ and ≀≀ moving N; lightning in E hor. at every 2m.	
8	C	" " " "	
7	B	≀≀ and ≀≀ scattered throughout; the ≀≀ moving slowly to W; a few drops of rain.	
7	B	≀≀ and L ≀≀ throughout moving slowly to W.	
3	B	≀≀ scattered around hor; thin mist in W and fog in E hor.	
4	B	" " " "	
6	G	≀ and ≀≀ scattered throughout, the latter moving WNW; mist in hor.	
6	G	" " " "	
5	G	≀ and ≀≀ scattered about moving N; hazy.	
4	G	" "	
5	C	≀≀ in E above hor.; ≀ scattered about.	
5	C	∩ in NE and E hor.; ≀ scattered about moving NE.	
5	C	" " "	
4	C	" " "	
3	B	∩ from NE to ESE hor.; ≀≀ in the rest of the hor.	
5	B	∩ in NE and E; ≀≀ scattered throughout moving slowly to W.	
5	B	≀ and ≀≀ scattered throughout; lightning in ESE.	
4	B	≀ and ≀≀ scattered about; continuous lightning in SE hor.	
4	G	" " "	
4	G	" " "	
5	G	≀ and ≀≀ scattered about moving N; lightning in E at intervals of 1m. and 30s.	
		[every minute.	
6	C	D ≀ and ≀≀ scattered throughout; the ≀≀ moving N; lightning in E and SE hor. at	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 83°2. Temperature of evaporation at 3 P. M. was 80°5 greatest in the month, and about 1°9 greater than the normal mean.
5	C	≀ and ≀≀ scattered throughout, the latter moving NE; lightning in SE at intervals of about 2m. 15s.	
6	C	" " " "	
4	C	" " ; no lightning; slight dew falling.	
5	C	≀≀ scattered throughout moving NE; a few ≀ in E; slight dew.	
7	B	L ≀≀ scattered throughout moving NE.	
6	B	≀ and L ≀≀ scattered throughout; the ≀≀ moving NE.	
5	B	" " "	
2	B	≀≀ scattered around hor. and a few ≀ here and there; mist in hor.	
2	G	" " " "	
5	G	∩ from NE to SE hor. and ≀ scattered about; mist.	
5	G	" " " "	
5	G	" " " "	
3	C	" " " "	
4	C	∩ in E hor; ≀≀ scattered about.	
5	C	" " "	
5	C	" " "	
2	B	≀ and ≀≀ scattered about; ∩ in E and NE.	
2	B	" " "	
3	B	∩ in E hor.; ≀≀ scattered throughout moving E.	
3	B	L ≀≀ scattered about moving E; lightning in E.	
4	G	L ≀≀ scattered about moving E; lightning in E hor. at every minute.	
4	G	" " " "	
6	G	" " " "	
6	G	≀≀ scattered throughout moving NE; lightning in E at every minute.	Mean daily temperature of ground 20 and 60 inches below its surface 84°5 and 83°4. At 9 A. M. the temperature of dew-point was 77°6, highest in the month, and about 3°0 higher than the normal mean.
6	C	" " " "	
7	C	≀≀ scattered throughout moving ENE; lightning in SE hor.	
7	C	" " "	
7	C	" " "	
5	B	≀ in E above hor.; ≀≀ all round the hor.	
5	B	≀≀ scattered around hor.	
2	B	" "	
2	B	" "	
4	G	∩ in E and ≀≀ scattered about moving SE.	
4	G	" " "	
5	G	∩ from NE to SE and ≀≀ scattered about moving SE.	

25th April was the 7th day on which lightning was observed after sunset.

26th April was the 8th day on which lightning was observed after sunset.

27th April was the 9th day on which lightning was observed.

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering some degree of tension after discharge.
	in.	in.	°	°	°	°	in.		°	°		lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 27th-Noon.	29.897	28.971	88·5	80·5	8·0	77·5	0.926	0.71	85·2	83·5	WNW	0.2					
1 p. m.	.878	.976	89.4	80.1	9.3	76.7	.902	.67	86.0	83.6	,,	0.3					
2 ,,	.868	.974	89.7	80.0	9.7	76.4	.894	.66	86.4	83.7	,,	0.4					
3 ,,	.846	.944	89.0	80.0	9.0	76.7	.902	.68	86.3	83.8	NW b W	0.4					
4 ,,	.838	.964	88.2	79.2	9.0	75.7	.874	.63	86.0	83.8	WNW	0.3					
5 ,,	.836	.964	86.0	78.5	7.5	75.6	.872	.72	85·0	84.0	NW b W	0.6					
6 ,,	.849	.974	83.8	78.0	5.8	75.8	.875	.78	84.0	84.0	,,	0.5	None.	None.	None.	None.	None.
7 ,,	.868	29.019	82.5	77.0	5.5	74.8	.849	.79	83.0	84.0	,,	0.6					
8 ,,	.881	.026	82.0	77.0	5.0	75.0	.855	.80	82.6	83.9	NW	0.3					
9 ,,	.892	.043	82.5	77.0	5.5	74.8	.849	.79	82.3	83.9	NW b W	0.2					
10 ,,	.900	.048	81.9	76.9	5.0	74.9	.852	.80	82.0	83.8	,,	0.2					
11 ,,	.889	.105	81.4	75.0	6.4	72.3	.784	.75	81.8	83.7	,,	0.4					
Apr. 28th-Midnight	.881	.093	81.0	75.0	6.0	72.5	.788	.76	81.3	83.5	NW	0·3					
1 a. m.	.871	.081	80.8	75.0	5.8	72.6	.790	.77	81.2	83.5	,,	0.3					
2 ,,	.860	.063	80.2	75.0	5.2	72.9	.797	.79	81.1	83.4	,,	0·5					
3 ,,	.849	.031	80.0	75.5	4.5	73.6	.818	.82	81.0	83.3	NW b N	0.4					
4 ,,	.851	.038	79.5	75.2	4.3	73.5	.813	.83	81.0	83.2	N b W	0.2					
5 ,,	.865	.047	79.3	75.3	4.0	73.6	.818	.84	80.5	83.1	,,	0.2					
6 ,,	.882	.041	79.7	76.0	3.7	74.5	.841	.85	80.5	83.0	NNW	0·1					
7 ,,	.902	.051	82.4	77.0	5.4	74.9	.851	.79	82.0	83.0	,,	0.4					
8 ,,	.925	.081	83.8	77.2	6.6	74.6	.844	.75	82.7	83.1	NW b N	0·4					
9 ,,	.929	.089	85.9	77.7	8.2	74.5	.840	.70	83.5	83.2	,,	0.2					
10 ,,	.919	.088	86.7	77.7	9.0	74.1	.831	.67	84.0	83.2	,,	0·4					
11 ,,	.911	.073	87.2	78.0	9.2	74.4	.838	.67	84.5	83.3	NW	0.6	None.	None.	None.	None.	None.
Noon.	.884	.046	87.2	78.0	9.2	74.4	.838	.67	84.6	83.3	,,	0.6					
1 p. m.	.868	28.995	87.8	79.0	8.8	75.7	.873	.68	85.5	83.3	NW b W	0·9					
2 ,,	.846	.970	87.5	79.0	8.5	75.8	.876	.69	85.5	83.3	,,	1.3					
3 ,,	.829	.960	87.4	78.8	8.6	75.5	.869	.69	85.2	83.4	,,	1.8					
4 ,,	.824	.946	86.6	78.8	7.8	75.9	.878	.71	85·0	83.4	,,	2.0					
5 ,,	.816	.963	85.8	78.0	7.8	75.0	.853	.71	84.0	83.5	NNW	1.0					
6 ,,	.826	.962	83.0	77.5	5.5	75.4	.864	.79	83.1	83.5	NW b W	1.0					
7 ,,	.849	.994	82.0	77.0	5.0	75.0	.855	.80	82.5	83.5	,,	0.7					
8 ,,	.861	29.001	81.5	77.0	4.5	75.2	.860	.82	82.3	83.5	,,	0.6					
9 ,,	.875	.050	81.2	76.0	5.2	73.9	.825	.79	82.0	83.4	,,	0.5					
10 ,,	.883	.056	81·0	76.0	5.0	74.0	.827	.80	81.9	83.3	NW	0.6					
11 ,,	.888	.071	80.9	75.7	5.2	73.6	.817	.79	81.5	83.2	NW b N	0.5					
Apr. 29th-Midnight	.865	.072	80.5	75.0	5·5	72.7	.793	.78	81.0	83.2	NW	0.4					
1 a. m	.854	.018	80.2	76.0	4.2	74.3	.836	.83	81.0	83.2	,,	0.4					
2 ,,	.843	.005	80.0	76.0	4.0	74.4	.838	.84	81.0	83.2	NW b N	0.4					
3 ,,	.835	28.997	80.0	76.0	4.0	74.4	.838	.84	81.0	83.2	NNW	0.5					
4 ,,	.835	29.005	79.7	75.7	4.0	74.1	.830	.84	80.9	83.1	,,	0·2					
5 ,,	.849	.039	79.7	75.2	4.5	73.3	.810	.82	80.6	83.0	NW b N	0.3					
6 ,,	.863	.039	79.5	75.5	4.0	73.9	.824	.84	80.5	83.0	NNW	0.1					
7 ,,	.880	.064	82.0	76.0	6.0	73.6	.816	.77	81.5	82.9	N b W	0.1					
8 ,,	.893	.045	83.4	77·2	6.2	74·8	.848	.76	82.2	82.9	,,	0.4					
9 ,,	.894	.079	85.6	77.0	8.6	73.5	.815	.68	82.5	82.9	NW b N	0.4					
10 ,,	.889	.058	86.7	77.7	9.0	74.1	.831	.67	84.0	83.0	,,	0.3	None.	None.	None.	None.	None.
11 ,,	.877	.039	87.2	78.0	9.2	74.4	.838	.67	84.5	83.1	,,	0.6					
Noon.	.862	28.984	87.4	79.0	8.4	75.9	.878	.69	84.7	83.2	NW	0.7					
1 p. m.	.833	.999	87.9	78.1	9.8	74.3	.834	.65	85.1	83.2	,,	0.9					
2 ,,	.817	.946	88.0	79.0	9.0	75.6	.871	.68	85.4	83.3	,,	1.1					
3 ,,	.795	.924	88.0	79.0	9.0	75.6	.871	.68	85.4	83.4	NW b W	0.7					
4 ,,	.789	.909	87.2	79.0	8.2	75.9	.880	.70	85.1	83.5	,,	0.8					
5 ,,	.796	.974	85.0	77.0	8.0	73.8	.822	.70	84.0	83.5	,,	1.0					
6 ,,	.809	.985	83.0	76.5	6.5	73.9	.824	.75	83.0	83.5	,,	0.8					
7 ,,	.822	.965	81.8	77.0	4.8	75·1	.857	.81	82.3	83.5	,,	0.7					
8 ,,	.846	.986	81.5	77.0	4.5	75.2	.860	.82	82.1	83.4	,,	0.7					
9 ,,	.850	.984	81.0	77.0	4.0	75.4	.866	.84	82.0	83.4	,,	0.6					
10 ,,	.852	.963	80.8	77.5	3.3	76.3	.889	.87	81.7	83.3	,,	0.5					
11 ,,	.854	.983	80.5	77.0	3.5	75.6	.871	.86	8.2	83.2	,,	0.6					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ∿ cirri; ≋ cirro-cumuli; ⌒ cumuli; ⌒ cirro-strati; ⌒ cumulo-strati; and ≋ nimbi.	
6	G	⌒ from N to SSE hor. and ≋ here and there moving SE.	
5	C	" " "	
4	C	" " "	
5	C	" " "	
5	C	" " "	
5	B	" " "	
4	B	⌒ in NE, E and SE; ≋ scattered about moving ESE.	
4	B	" " "	
3	B	" " "	
4	G	⌒ in E; ≋ scattered about moving SE; lightning in SE.	
6	G	" " " "	
6	G	" " " "	
6	G	≋ scattered throughout moving SE; lightning in SE hor. at every 2m.	Mean daily temperature of ground 20 and 60 inches below its surface 84°7 and 83°4.
6	C	" " " "	
5	C	≋ scattered throughout moving ESE; lightning in SE.	
4	C	≋ scattered around hor.	
3	C	" "	28th April was the 10th day on which lightning was observed.
3	B	∿ and ≋ scattered about.	
3	B	∿ in E above the hor.; ≋ scattered about moving ESE.	
5	B	≋ scattered throughout moving SE.	
4	B	" "	
4	G	" "	
5	G	" "	
5	G	" "	
3	G	∿ and ≋ scattered about.	
0	C	A few clouds in N and NW; fresh breezes from NW.	
1	C	⌒ in E and ≋ in W; fresh breezes from NW.	
1	C	" "	
1	C	⌒ in E and ≋ in W hor. " "	
0	B	" "	
1	B	" "	
2	B	≋ scattered around hor.	
3	B	" "	
4	G	∿ and ≋ scattered about; ≋ moving slowly ESE.	
5	G	" " "	
5	G	" " "	
5	G	L ≋ scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 83°4.
5	C	" "	
6	C	" "	
6	C	" "	
5	C	" "	
5	B	" "	
5	B	" "	
6	B	" "	
3	B	" "	
3	G	≋ scattered about; a few ∿ in zenith; haze in E.	
2	G	" " "	
2	G	" " "	
1	G	≋ around hor.; haze in E.	
1	C	⌒ in E and ≋ in W; haze in E.	
1	C	" " "	
1	C	⌒ in NE and E; ≋ in W; haze.	
1	C	" " "	
1	B	" " "	
3	B	≋ scattered about moving ESE.	
5	B	L ≋ scattered throughout moving ESE.	
5	B	" " "	
5	G	≋ and ≋ scattered about; ≋ moving SE.	
6	G	" " "	
6	G	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Strawson's Volta 1.	Electrical Instruments. Readings of Strawson's Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Apr. 30th-Midnight	29.847	28.976	80°5	77°0	3°5	75°6	0.871	0.86	81°0	83°2	NW b W	0.6					
1 a. m.	.841	.966	80.2	77·0	3.2	75.8	.875	.87	81.0	83.2	WNW	0.2					
2 „	.828	.985	80.0	76.0	4.0	74.4	.838	.84	81.0	83.1	NW b W	0.1					
3 „	.821	29.022	80.0	75.0	5.0	73.0	.799	.80	81.0	83.1	„	0.4					
4 „	.825	.046	80.0	74.5	5.5	72.2	.780	.78	81.0	83·1	„	0.4					
5 „	.840	.086	79.5	74.2	5.3	71·9	.774	.79	80.8	83.0	„	0.3					
6 „	.867	.067	79.9	75.0	4.9	73.0	.800	.80	80.8	82.8	„	0.4					
7 „	.891	.098	82.7	75.6	7.1	72.9	.793	.73	82.0	82.8	„	0.4					
8 „	.908	.083	84.3	76.6	7.7	73·9	.825	.71	82.3	82.9	„	0.4					
9 „	.912	.101	86.0	77.0	9.0	73.4	.811	·67	83.0	82.9	„	0.3					
10 „	.913	.107	87.2	77.2	10·0	73.2	.806	.64	83.7	82.9	„	0.4					
11 „	.905	.101	87.4	77.2	10.2	73.1	.804	·64	84.5	83.0	WNW	0.5					
Noon.	.896	.067	88.0	78·0	10.0	74.1	.829	.65	85.0	83.1	W	0.4					
1 p. m.	.877	.042	88.6	78.3	10.3	74.3	.835	.64	86.0	83.2	WNW	0.6	None.	None.	None.	None.	None.
2 „	.862	.027	88.6	78.3	10.3	74.3	.835	.64	86.0	83.3	W b N	0·5					
3 „	.833	.002	88.6	78.2	10.4	74.1	.831	.64	86.0	83.3	W	0.2					
4 „	.828	28.996	88.5	78·2	10.3	74.2	.832	·64	85.9	83.4	„	0.2					
5 „	.828	29.012	87.4	77.5	9.9	73.6	.816	.65	85.4	83.5	W b N	0.2					
6 „	.845	.013	84.1	77.0	7·1	74.2	·832	.73	84·0	83.5	WNW	0.6					
7 „	·859	·049	82.5	76.0	6.5	73·3	.810	.75	83.0	83.5	W b N	0.5					
8 „	.871	.045	81.8	76.2	5.6	74.0	.826	.78	82.5	83.4	„	0.5					
9 „	.879	.059	81.6	76.0	5.6	73.7	.820	.78	82.3	83.4	WNW	0·7					
10 „	.884	.060	81.3	76.0	5.3	73.9	.824	.79	82.1	83.3	NW b W	0.5					
11 „	.881	.044	80.8	76.2	4.6	74.4	.837	.82	81.9	83.3	NW	0.5					
May 2nd-Midnight	.843	.002	79.7	76.0	3.7	74.5	.841	·85	80.9	83.0	NW b N	0·2					
1 a. m.	.817	28.993	79.5	75.5	4.0	73.9	.824	.84	80.7	83.0	„	0.3					
2 „	.806	.988	79.3	75.3	4.0	73.6	.818	.84	80.2	82·9	N b W	0.4					
3 „	.802	.992	79.0	75.0	4·0	73·3	.810	.84	80.0	82.9	„	0.4					
4 „	.811	.999	78.8	75.0	3.8	73.4	.812	.84	80.0	82.8	„	0.5					
5 „	.841	29.029	78.8	75.0	3.8	73.4	.812	.84	80.0	82.8	N b E	0.1					
6 „	.863	.040	78.7	75.2	3.5	73.8	.821	.86	80.0	82.7	„	0.1					
7 „	.883	.054	81.2	76.1	5.1	74.1	.829	.80	81.0	82.7	NNE	0.2					
8 „	.902	.065	83.6	77.0	6.6	74.4	.837	.75	82.2	82.8	E b S	0.2					
9 „	.911	.137	83·0	75.2	7.8	71.9	.774	.70	82.0	82·8	N b W	0.3					
10 „	.909	.137	86.0	76.0	10.0	71.8	.772	.64	83.1	82.8	„	0.3					
11 „	.893	.138	86.8	75.8	11.0	71.2	.755	.61	83.8	83.0	NW	0.4					
Noon.	.866	.114	87.8	76.0	11.8	71.0	.752	.59	84.2	83.0	„	0.5	None.		None.		
1 p. m.	.836	.086	88.0	76.0	12.0	71.0	.750	.58	84·5	83.1	WNW	0.6					
2 „	.819	.044	88.2	76.7	11.5	72.0	.775	.60	84.7	83.1	NW b W	0.6					
3 „	.795	.004	87.8	77.0	10.8	72.6	.791	.62	84.5	83.2	WNW	0.7					
4 „	.789	28.989	87.0	77.0	10.0	73.0	.800	.64	84.0	83·2	„	0.6					
5 „	.798	29·016	85.5	76.1	9.4	72.2	.782	.66	84.0	83.3	NW b W	0.6					
6 „	.808	.032	82.8	75.2	7.6	72.0	.776	.71	83.2	83.4	„	0.5					
7 „	.814	.013	81.6	75·5	6.1	73.0	.801	.76	82.5	83.4	NW	0.5		+	2		4.29
8 „	.832	.027	81.2	75.5	5.7	73.2	.805	.77	81.8	83.3	NW b W	0·6		+	2		7.48
9 „	.849	.033	80·8	75.6	5.2	73.6	.816	.79	81.5	83.3	„	0.4					
10 „	.854	.018	80.2	76·0	4.2	74.3	.836	·83	81.2	83.2	NW	0.5		-			
11 „	.843	.037	80.1	75.2	4.9	73.2	.806	.80	81.0	83.0	NW b N	0.4					
May 3rd-Midnight	.825	29.026	80.0	75.0	5.0	73.0	.799	.80	81.0	83.0	NNW	0.3					
1 a. m.	.814	.012	79.7	75.0	4.7	73.0	.802	.81	80·6	83.0	„	0.2					
2 „	.807	28.989	79.3	75.3	4.0	73.6	.818	.84	80.0	82.9	„	0.4					
3 „	.799	.989	79.0	75.0	4.0	73.3	.810	.84	79.7	82.8	„	0.5					
4 „	.813	.992	78.7	75.2	3.5	73.8	.821	.86	79.5	82.7	„	0.3					
5 „	.824	29.038	78.4	74.2	4.2	72.4	.786	.83	79.0	82.6	„	0.1					
6 „	.836	.055	78.8	74.2	4.6	72.2	.781	.81	79.0	82.5	„	0.1					
7 „	.867	.087	81.7	75.0	6.7	72.2	.780	.74	80.5	82.5	N	0.1	None.	+	2	None.	5.14
8 „	.882	.102	81.7	75.0	6.7	72.2	.780	.74	81.2	82.5	N b E	0.1					
9 „	.894	.140	85.0	75.0	10.0	70.7	.744	.64	82.3	82.6	N b W	0.3					
10 „	.888	.141	86·5	75.5	11.0	70.8	.747	.61	83.5	82.6	NNW	0.3					
11 „	.881	.157	86.8	75.0	11.8	69.9	.724	.58	84.0	82.7	NW b W	0.4					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Ci-cu cirro-cumuli; Cu cumuli; Ci-str cirro-strati; Cu-str cumulo-strati; and N nimbi.	
6	G	L Ci scattered throughout moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 83°5.
6	C	" "	
7	C	" "	
8	C	Overcast with Ci moving SE.	
6	C	Ci scattered throughout moving SE.	
6	B	" "	
5	B	" "	
5	B	" "	
4	B	" "	
4	G	" "	
4	G	" "	
3	G	Cu in E and Ci scattered about.	
2	G	" "	
2	C	" "	
2	C	" "	
2	C	" "	
2	C	Cu in E and Ci in W hor.	
1	B	" "	
1	B	Ci scattered around hor.	
2	B	" "	
2	B	" "	
3	B	" "	
4	B	" "	
3	B	" "	
3	B	Light Ci scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 83°5.
5	G	" "	
5	G	" "	
6	G	Cu and Ci scattered throughout, latter moving SE.	
6	G	" " "	
6	C	" " "	
6	C	Cu and Ci scattered throughout; the latter moving ESE; mist in W hor.	
6	C	" " " "	
6	C	" " " "	
4	B	Ci scattered about moving SE; mist around hor.	
2	B	" " "	
1	B	Ci scattered about in N; mist in hor.	
0	B	A few Ci in N and NE; mist in hor.	
0	G	" "	
1	G	Ci scattered about in NE and E; mist in hor.	
2	G	Ci scattered about; hazy in E.	
2	G	" "	
2	C	Ci in E; Ci scattered about; haze in E.	
5	C	Ci in NE above hor.; Ci scattered throughout moving E.	
5	C	Ci scattered throughout moving E.	
3	C	" "	
1	B	Ci scattered around hor.	
1	B	" "	
3	B	" "	
3	B	Ci scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 83°5.
4	G	" "	
4	G	" "	
4	G	" "	
4	G	" "	
4	C	" "	
5	C	Ci in E; Ci scattered about moving SE; light mist in hor.	
5	C	" " " "	
6	C	" " " "	
2	B	Ci scattered around hor.; mist in hor.	
3	B	Ci scattered about moving NE.	
3	B	" "	

BOMBAY METEOROLOGICAL OBSERVATIONS, 1864.

Bombay Civil Time, 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 3rd-Noon.	29.872	29.119	87°7	76°0	11°7	71°1	0.753	0.59	84°6	82°9	NW b W	0.3					
1 p. m.	.835	.040	88.2	77.2	11.0	72.8	.795	.61	85.0	83.0	WNW	0.4					
2 „	.818	.022	87.4	77.0	10.4	72.8	.796	.63	85.0	83.0	W	0.3					
3 „	.805	28.996	86.2	77.0	9.2	73.3	.809	.66	84.4	83.0	„	0.4					
4 „	.797	.988	86.2	77.0	9.2	73.3	.809	.66	85.0	83.0	WNW	0.5					
5 „	.807	29.060	84.7	75.0	9.7	70.8	.747	.65	84.0	83.1	„	0.3					
6 „	.821	.055	83.0	75.0	8.0	71.6	.766	.70	83.3	83.2	„	0.3	None,	None.	None.	None.	None.
7 „	.838	.058	81.7	75.0	6.7	72.2	.780	.74	82.5	83.3	„	0.3					
8 „	.852	.067	81.3	75.0	6.3	72.4	.785	.75	82.2	83.3	„	0.4					
9 „	.868	.080	81·0	75.0	6.0	72.5	.788	.76	82.0	83.2	„	0.6					
10 „	.879	.096	80.8	74.8	6.0	72.3	.783	.76	82.0	83.2	„	0.5					
11 „	.874	.082	80.6	75.0	5.6	72.7	.792	.78	81.8	83.1	„	0.5					
May 4th-Midnight	.862	.069	80·5	75.0	5.5	72.7	.793	.78	81.5	83.1	WNW	0.5					
1 a. m.	.855	.059	80.3	75.0	5.3	72.8	.796	.79	81.1	83.0	„	0.3					
2 „	.846	.053	79.9	74.8	5.1	72.7	.793	.79	80.8	82.9	NW b N	0.4					
3 „	.838	.055	79.8	74.5	5.3	72.3	.783	.79	80.4	82.8	„	0.4					
4 „	.845	.075	79.2	74.0	5.2	71.8	.770	.79	80.0	82.7	„	0.5					
5 „	.865	.093	79·0	74.0	5.0	71.8	.772	.80	79.6	82.6	„	0.1					
6 „	.895	.124	79.1	74.0	5.1	71.8	.771	.79	79.7	82.5	„	0.1					
7 „	.913	.122	81.5	75.2	6.3	72.6	.791	.75	80.7	82.5	„	0.1					
8 „	.928	.135	83.1	75.7	7.4	72.7	.793	.72	82.0	82.5	„	0.1					
9 „	.941	.186	84.7	75.2	9.5	71.2	.755	.65	82.6	82.5	NNW	0.2	None.	None:	None.	None.	None.
10 „	.948	.176	86.0	76.0	10.0	71.8	.772	.64	83.0	82.5	NW b N	0·3					
11 „	.943	.179	87.1	76·1	11.0	71.5	.764	.61	84.0	82.7	NW	0.2					
Noon.	.922	.135	88.2	77.0	11.2	72.5	.782	.61	84.9	82.9	W b N	0.2					
1 p. m.	.895	.103	89.1	77.1	12.0	72.7	.792	.59	85.0	83.0	W	0.2					
2 „	.876	.066	89.7	78.0	11.7	73.3	.810	.60	85.4	83.1	„	0.3					
3 „	.852	.042	89.7	78.0	11.7	73.3	.810	.60	85.8	83.1	WNW	0.4					
4 „	.848	.024	88.4	78.0	10.4	73.9	.824	.63	85.0	83.2	„	0.4					
5 „	.857	.059	86.4	77.0	9.4	73.2	.807	.66	85.0	83.3	NW b N	0.4					
6 „	.866	.068	83.6	76.0	7.6	72.9	.798	.71	84·0	83·4	WNW	0.3					
7 „	.873	.088	82.0	75.2	6.8	72.4	.785	.74	82.7	83.5	„	0.2					
8 „	.876	.094	81.5	75.0	6.5	72.2	.782	.75	82.4	83.4	NW b W	0.4					
9 „	.883	.076	81.0	75.5	5.5	73.2	.807	.78	82.0	83.3	„	0.4					
10 „	.896	.067	80·8	76.0	4·8	74.1	.829	.81	81.6	83.2	NW	0.5					
11 „	.889	.076	80.5	75.5	5.0	73.5	.813	.80	81.5	83.1	„	0.5					
May 5th-Midnight	.873	.112	80.0	74.0	6.0	71.4	.761	.76	81.0	83.0	NW	0.5					
1 a. m.	.856	.032	79.5	75.5	4·0	73.9	.824	.84	80.7	82.9	NW b N	0.6					
2 „	.838	.014	79.5	75.5	4.0	73.9	.824	.84	80.3	82.9	„	0.6					
3 „	.837	.019	79.3	75.3	4.0	73.6	.818	.84	80.0	82.8	NNW	0.5					
4 „	.837	.027	79.0	75.0	4·0	73.3	.810	.84	80.0	82.7	NW b N	0.4					
5 „	.845	.031	78.6	75.0	3.6	73.5	.814	.85	80·0	82.6	NNW	0.1					
6 „	.867	.084	78.0	74.0	4.0	72.3	.783	.83	79.6	82.5	N b W	0.1		+	8		1.10
7 „	.888	.112	80.7	74.6	6.1	72.0	.776	.76	80.5	82.4	„ „	0.1		+ +	12	10	1.4
8 „	.903	.088	82.1	76.0	6.1	73.5	.815	.76	81.4	82.4	„	0.1		+	6		3.10
9 „	.921	.150	82.5	75.0	7.5	71.8	.771	.71	81.5	82.5	NE b N	0.0					
10 „	.925	.142	85.0	76.0	9.0	72.3	.783	.67	83.0	82.6	N b W	0.3					
11 „	.910	.132	86.2	76.2	10.0	72.1	.778	.64	83.5	82.6	NW b N	0.6					
Noon.	.879	.081	87.2	77.0	10.2	72.9	.798	.64	84.3	82.8	„	0.8					
1 p. m.	.855	.062	87.6	77.0	10.6	72.7	.793	.63	84.5	82.9	NW	0.7	None.				
2 „	.831	.030	88.4	77.4	11.0	73.0	.801	.61	85.0	83.0	NW b W	0.6					
3 „	.804	28.984	88.8	78.0	10.8	73.7	.820	.62	85.2	83.0	WNW	0.6					
4 „	.780	.962	89.0	78.0	11.0	73.6	.818	.62	85.4	83.1	W b S	0.4					
5 „	.791	29.006	86.6	76.5	10.1	72.4	.785	.64	85.0	83.2	W b N	0.3					
6 „	.804	.027	83.4	75.4	8.0	72.0	.777	.70	83.6	83.3	NW b W	0.5					
7 „	.812	.020	82.0	75.4	6.6	72.7	.792	.74	82.7	83.3	„	0.5					
8 „	.830	.032	81.5	75.4	6.1	72.9	.798	.76	83.3	83.3	„	0.6					
9 „	.852	.066	81.2	75.0	6.2	72.4	.786	.76	82.0	83.2	NW b N	0.6					
10 „	.860	.048	80.6	75.5	5.1	73.4	.812	.80	81.5	83.2	„	0.5					
11 „	.855	.042	80.5	75.5	5.0	73.5	.813	.80	81.5	83.1	NNW	0.5					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ≀— cirro-strati; ∩— cumulo-strati; and ≀∩ nimbi.	
2	B	≀≀ along the eastern hor.; ≀ in W.	
4	G	≀ and ≀≀ scattered about, the latter moving SE.	
6	G	" " "	
6	G	" " "	
6	G	" " "	
6	C	≀≀ scattered throughout; a few ≀ overhead.	
6	C	" " "	
6	C	" " "	
4	C	≀≀ scattered about moving SE.	
2	B	" "	
2	B	" "	
3	B	" "	
2	B	≀≀ all round hor.	
2	G	" "	
5	G	≀≀ scattered throughout moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 83°6. At 10 A. M. the height of barometer was 29·948 in., greatest in the month, and about 0·129 in. greater than the normal mean.
5	G	" "	
5	G	" "	
5	C	≀≀ and ≀≀ scattered throughout; the latter moving SSE.	
5	C	≀≀ and ≀≀ scattered throughout; the latter moving SSE; mist in hor.	
5	C	" " " "	
5	C	" " " "	
4	B	≀≀ scattered about moving NNE; mist.	
3	B	≀≀ scattered about moving NNE; mist in E hor.	
2	B	≀≀ in NE, E, SE and S above hor.; thick mist.	
2	B	≀≀ scattered all round hor.; except the W hor.	
1	G	≀≀ around hor.; haze in E.	
2	G	" "	
4	G	" "	
4	G	" "	
3	C	≀≀ throughout moving E; haze in E hor.	
3	C	≀≀ scattered about moving SE.	
3	C	" "	
3	C	" "	
1	B	" "	
2	B	" "	
2	B	" "	
2	B	≀≀ scattered about moving SE.	
4	G	" "	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 83°6: Temperature of free air at 6 A. M. was 78°0, lowest during the month, and 2°5 lower than the normal mean.
4	G	" "	
4	G	" "	
5	G	" "	
5	C	≀≀ in N, NE and E hor.; ≀≀ scattered about moving SSE.	
6	C	≀≀ in W; ≀≀ scattered throughout moving SE.	
6	C	" " "	
6	C	" " "	
5	B	≀≀ in E; ≀≀ scattered about moving SSE.	
2	B	≀≀ scattered about from N to S (by E) hor.	
1	B	≀≀ in N, E and SE hor.	
0	B	A few ≀≀ in hor. here and there.	
0	G	A few ≀≀ in E hor.	
0	G	" "	
0	G	" "	
0	G	" "	
0	C	" "	
1	C	≀ in E; ≀≀ in E and W above hor.	
0	C	≀≀ in W hor.	
1	C	≀≀ in E and W hor.	
0	B	" "	
1	B	" "	
1	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 6th-Midnight	29.835	29.036	80°0	75°0	5°0	73°0	0.799	0·80	81°1	83.0	NNW	0.4					
1 a. m.	.814	28.980	79·6	75.8	3.8	74.3	.834	.84	81.0	83.0	„	0.0					
2 „	.798	·964	79.6	75.8	3.8	74.3	·834	.84	80.2	82.9	„	0.5					
3 „	.795	.974	79.4	75.4	4.0	73.8	·821	.84	80.0	82.8	NW b N	0.6					
4 „	.793	·983	79.0	75.0	4.0	73.3	·810	.84	80.0	82.7	NNW	0.5					
5 „	.797	·987	79.0	75.0	4.0	73.3	·810	.84	80.0	82.6	NW b N	0.2					
6 „	.827	29·019	79.2	75·0	4.2	73.3	·808	.83	79.8	82.5	„	0.1					
7 „	.856	.026	80.7	76.0	4.7	74.1	·830	.81	80.5	82.5	„	0.2					
8 „	.870	.043	81.0	76.0	5.0	74.0	·827	.80	81.0	82.5	„	0.2					
9 „	.881	·062	82.1	76.1	6.0	73.7	·819	.77	81.9	82.5	„	0.2					
10 „	.880	.058	83.2	76.5	6.7	73.8	·822	.74	82.3	82.6	NNW	0.4					
11 „	.877	.062	85.6	77.0	8.6	73.5	·815	.68	83·5	82.8	NW	0.5					
Noon.	.857	.038	87.3	77.0	10.3	73.7	·819	.63	84.6	82.9	NNW	0.6	None.	None.	None.	None.	None.
1 p. m.	·829	·038	87.8	77.0	10.8	72.6	.791	.62	85.1	83.0	NW	0.7					
2 „	·804	·015	88.0	77.0	11.0	72.6	.789	.61	85.4	83.1	NW b N	0.6					
3 „	.789	.000	88.0	77.0	11.0	72.6	.789	.61	85.4	83.2	NW	0.7					
4 „	.775	28.982	87·6	77.0	10.6	72.7	.793	.63	85.3	83.2	„	0.7					
5 „	.782	.950	85.6	77.4	8.2	74.2	·832	.70	84.4	83.3	„	0.5					
6 „	.795	.971	82.7	76.4	6.3	73.9	·824	.76	83.2	83.3	„	0.6					
7 „	·804	·983	81.5	76.0	5.5	73.8	·821	.78	82.2	83.4	„	0.6					
8 „	·821	.994	81.0	76.0	5.0	74.0	·827	.80	82.0	83.3	NW b N	0.6					
9 „	.839	29·027	80.6	75.5	5.1	73.4	·812	.79	81.5	83.3	„	0.5					
10 „	.851	·038	80.5	75.5	5.0	73.5	·813	.80	81.4	83.2	„	0.6					
11 „	.847	.054	80.5	75.0	5.5	72.7	.793	.78	81.4	83.2	„	0.8					
May 7th-Midnight	.835	.036	80.0	75.0	5.0	73.0	.799	.80	81.1	83.0	NNW	0.5					
1 a. m.	.816	.014	79.7	75.0	4.7	73·0	·802	.81	80.5	82.9	„	0.6					
2 „	.809	28.999	79.0	75.0	4.0	73.3	·810	.84	80.2	82.8	„	0.6					
3 „	.791	.980	78.9	75.0	3.9	73.4	·811	.86	80.0	82.7	N b W	0.4					
4 „	.791	.959	78.7	75·2	3.5	74.2	·832	.86	80·0	82.7	„	0.6					
5 „	.806	29.027	78.4	74.0	4.4	72.1	·779	.82	80.0	82.6	„	0.3					
6 „	.826	.047	78.4	74.0	4.4	72.1	·779	.82	80.0	82.5	„	0.1					
7 „	.839	.053	81.2	75.0	6.2	72.4	·786	.76	81.0	82·5	„	0.1					
8 „	.854	.042	82.4	76.0	6.4	73.4	·812	.75	81.5	82.6	„	0.1					
9 „	.868	.094	84.0	75.5	8.5	71.9	·774	.68	82.5	82.6	NE b E	0.3					
10 „	.864	.075	86.2	76.5	9.7	72.6	.789	.65	83.7	82.6	N b W	0.5					
11 „	.844	.043	86.9	77.0	9.9	73.0	·801	.64	84.1	82.9	NNW	0.6					
Noon.	.824	.030	87.5	77.0	10.5	72.8	.794	.63	84.9	83.0	NW b N	0.6	None.	None.	None.	None.	None.
1 p. m.	.797	.006	87.8	77.0	10.8	72.6	.791	.62	85.0	83.0	NW	0.7					
2 „	.772	28.983	88.0	77.0	11.0	72.6	.789	.61	85.2	83.1	„	0.7					
3 „	.757	.965	87.7	77.0	10.7	72.7	.792	.62	84.7	83.2	„	0.6					
4 „	.745	.945	87.0	77.0	10.0	73.0	·800	.69	84.0	83.2	„	0.7					
5 „	.751	.968	85.0	76.0	9.0	72.4	.783	.67	84.0	83.3	NW b W	0.7					
6 „	.757	.944	82.3	76.0	6.3	73.5	·813	.75	83.2	83.3	NW	0.8					
7 „	.766	.939	81.0	76.0	5.0	74.0	·827	.80	82.3	83.4	„	0.8					
8 „	.783	·970	80.5	75.5	5.0	73.5	·813	·80	82.0	83.4	NNW	0·4					
9 „	.790	.976	80.0	75.4	4.6	73.5	·814	.81	81.6	83.3	„	0.5					
10 „	.793	.975	79.7	75.4	4.3	73.6	·818	.83	81.3	83.2	„	0.4					
11 „	.790	.977	79.5	75.2	4.3	73.5	·813	.83	81.2	83.1	„	0.6					
May 9th-Midnight	.838	29.083	80.5	74.0	6.5	71.2	.755	·74	81.3	83.0	NNW	0.6					
1 a. m.	.321	.060	80.0	74.0	6.0	71.4	.761	.76	80·4	82.9	NW b N	0.5					
2 „	.815	.045	79.5	74.0	5.5	71.8	.770	.79	80.2	82.8	„	0.4					
3 „	.807	.037	79.2	74.0	5.2	71.8	.770	·80	80.0	82·8	NNW	0.5					
4 „	.803	.031	79.0	74.0	5.0	71.8	.772	.80	79.7	82.7	„	0·2					
5 „	.814	.056	78.6	73.5	5.1	71.3	.758	.79	79.6	82.6	„	0.1					
6 „	.836	.078	79.2	73.7	5.5	71.3	.758	.78	79.9	82.5	N b W	0.3					
7 „	.854	.092	81.7	74.5	7.2	71·4	.762	.72	80·6	82.5	NNW	0.3	None.	None.	None.	None.	None.
8 „	.873	.114	83.6	75.0	8.6	71.3	.759	.68	82.6	82.6	„	0.2					
9 „	.889	.145	85.0	75.0	10.0	70.7	.744	.64	83.0	82.6	„	0.3					
10 „	.889	.120	86.3	76.0	10.3	71.7	.769	.63	84.0	82.8	„	0.3					
11 „	.877	.092	87.0	76.6	10.4	72.4	.785	.63	84.5	83.0	„	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩≀ cumulo-strati; and ≀≀≀ nimbi.	
3	B.	Dense fleecy clouds scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 83°7.
3	G	" " "	
1	G	" " "	
2	G	" " "	
2	G	" " "	
3	C	≀≀ in NE hor.; ≀≀ scattered about.	
5	C	≀≀ and ≀≀ scattered throughout; the latter moving E; mist in E.	
5	C	≀≀ in W and S; ≀≀ throughout; mist in E.	
7	C	≀≀ scattered throughout moving ESE.	
4	B	" " "	
5	B	" " "	
3	B	≀≀ and ≀≀ scattered about.	
1	B	≀≀ in E hor.	
5	G	≀≀ scattered about moving ESE.	
4	G	≀ and ≀≀ scattered about; the latter moving E.	
4	G	" " "	
3	G	" " "	
1	C	≀ in E and ≀≀ in W; mist in hor.	
1	C	" " "	
2	C	≀≀ scattered about in E.	
2	C	" "	
1	B	" "	
3	B	" "	
6	B	Light ≀≀ scattered throughout moving SE.	
3	B	≀≀ scattered throughout moving to SE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 83°7.
3	G	" " "	
4	G	≀≀ and ≀≀ scattered about; ≀≀ moving SE.	
4	G	" " "	7th May was the 11th day on which lightning was observed.
3	G	≀≀ scattered throughout.	
3	C	≀≀ and ≀≀ scattered all round hor.	
3	C	≀≀ from E to S hor.; ≀≀ scattered about.	
5	C	≀≀ and ≀≀ scattered throughout; mist in E.	
6	C	" " "	
5	B	" " "	
2	B	≀≀ in N, E and S hor.; mist in E hor.	
1	B	" " "	
1	B	" " "	
1	G	" " "	
2	G	≀≀ scattered about; mist in hor.	
4	G	∩ in E and ≀≀ in NW; mist in E and W hor.	
4	G	" " "	
3	C	∩ in E; ≀≀ scattered about; mist in E and W hor.	
2	C	" " "	
1	C	∩ in E; ≀≀ around hor.	
1	C	∩ in E; ≀≀ around hor.; lightning at every minute since last observation.	
2	C	≀≀ scattered about; lightning in E hor. every minute.	
4	C	≀≀ scattered throughout moving ESE; lightning at intervals.	
4	C	" " "	
3	B	≀≀ scattered all round moving to SE; lightning in NE hor. at every 2m.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 84°0.
3	G	" " "	
3	G	" " "	
5	G	" " "	9th May was the 12th day on which lightning was observed after sunset.
3	C	≀≀ scattered about moving SE; lightning in E hor.	
2	C	≀≀ and ≀≀ scattered about.	
3	C	≀≀ scattered about moving ESE.	
3	C	" "	
5	C	" "	
4	B	" "	
2	B	≀≀ scattered about.	
1	B	≀≀ in N, NE and E hor.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Strawson's Volta 1.	Electrical Instruments. Readings of Strawson's Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 9th-Noon.	29.866	29.073	87°6	77°0	10°6	72°7	0.793	0.63	85°1	83°0	NW b N	0.6					
1 p. m.	.838	.088	88.0	76.0	12.0	71.0	.750	.58	85.2	83.1	NW b W	0.1					
2 „	.819	.073	88.4	76.0	12.4	70.8	.746	.55	85.4	83.2	WNW	0.2					
3 „	.801	.051	88.0	76.0	12.0	71.0	.750	.58	85.1	83.3	NW b W	0.1					
4 „	.779	.020	87.2	76.0	11.2	71.3	.757	.60	85.0	83.3	WNW	0.2					
5 „	.784	.007	85.5	76.0	9.5	72.0	.777	.66	84.0	83.3	„	0.4	None.	None.	None.	None.	None.
6 „	.792	.007	83.0	75.5	7.5	72.4	.785	.71	83.0	83.3	„	0.5					
7 „	.801	.015	81.2	75.0	6.2	72.4	.786	.76	82.4	83.4	„	0.4					
8 „	.809	.021	81.0	75.0	6.0	72.5	.788	.76	82.0	83.3	„	0.3					
9 „	.824	.063	80.0	74.0	6.0	71.4	.761	.76	81.1	83.3	„	0.2					
10 „	.831	.068	79.8	74.0	5.8	71.5	.763	.77	81.0	83.2	„	0.3					
11 „	.822	.032	79.8	75.0	4.8	72.6	.790	.81	81.0	83.2	„	0.5					
May 10th-Midnight	.815	.041	79.8	74.3	5.5	71.9	.774	.78	81.0	83.0	WNW	0.5					
1 a. m.	.802	.023	78.4	74.0	4.4	72.1	.779	.82	80.7	82.9	„	0.1					
2 „	.786	.014	79.0	74.0	5.0	71.8	.772	.80	80.4	82.8	NW b W	0.1					
3 „	.787	.012	78.7	74.0	4.7	72.0	.775	.81	80.1	82.7	NW b N	0.1					
4 „	.793	.021	79.0	74.0	5.0	71.8	.772	.80	80.0	82.6	„	0.0					
5 „	.805	.033	79.0	74.0	5.0	71.8	.772	.80	80.0	82.5	N	0.2					
6 „	.825	.055	79.2	74.0	5.2	71.8	.770	.79	80.0	82.4	„	0.1					
7 „	.842	.065	82.0	75.0	7.0	72.0	.777	.73	81.0	82.5	NE b N	0.1					
8 „	.866	.067	83.5	76.0	7.5	73.0	.799	.72	82.2	82.6	„	0.1					
9 „	.880	.086	85.4	76.4	9.0	72.8	.794	.67	83.5	82.6	NE b E	0.2					
10 „	.877	.069	86.3	77.0	9.3	73.3	.808	.66	84.0	82.8	W b N	0.2	None.	None.	None.	None.	None.
11 „	.866	.048	87.2	77.5	9.7	73.6	.818	.65	84.5	83.0	„	0.5					
Noon.	.844	.068	87.8	76.6	11.2	72.0	.776	.61	85.1	83.1	WNW	0.6					
1 p. m.	.808	.021	88.2	77.0	11.2	72.5	.787	.61	85.3	83.2	„	0.2					
2 „	.781	28.952	88.0	78.0	10.0	74.1	.829	.65	85.5	83.3	„	0.7					
3 „	.751	.951	87.0	77.0	10.0	73.0	.800	.64	84.8	83.4	„	0.9					
4 „	.740	.929	86.0	77.0	9.0	73.4	.811	.67	84.7	83.3	„	0.5					
5 „	.753	.931	85.0	77.0	8.0	73.8	.822	.70	84.0	83.5	„	0.7					
6 „	.769	.941	82.7	76.5	6.2	74.0	.828	.76	83.0	83.6	„	0.6					
7 „	.783	.948	81.3	76.3	5.0	74.3	.835	.80	82.3	83.5	„	0.4					
8 „	.801	.974	81.0	76.0	5.0	74.0	.827	.80	82.1	83.4	„	0.2					
9 „	.832	.994	80.7	76.2	4.5	74.4	.838	.82	81.6	83.3	„	0.2					
10 „	.840	.990	80.7	76.5	4.2	74.8	.850	.83	81.6	83.3	„	0.2					
11 „	.838	.986	80.5	76.5	4.0	74.9	.852	.84	81.5	83.2	„	0.2					
May 11th-Midnight	.828	.996	80.5	76.0	4.5	74.2	.832	.82	81.5	83.1	NW b W	0.4					
1 a. m.	.806	.968	80.0	76.0	4.0	74.4	.838	.84	80.8	83.0	„	0.2					
2 „	.805	.965	79.8	76.0	3.8	74.5	.840	.84	80.7	83.0	„	0.1					
3 „	.804	.998	79.4	75.0	4.4	73.2	.806	.82	80.3	82.9	NW b N	0.1					
4 „	.816	29.008	79.2	75.0	4.2	73.3	.808	.83	80.0	82.8	„	0.0					
5 „	.829	.020	79.1	75.0	4.1	73.3	.809	.83	80.0	82.7	NNW	0.1					
6 „	.844	.025	79.6	75.4	4.2	73.7	.819	.83	80.5	82.7	„	0.1					
7 „	.861	.031	82.5	76.5	6.0	74.1	.830	.77	82.0	82.7	„	0.1					
8 „	.876	.056	85.2	77.0	8.2	73.7	.820	.69	83.2	82.8	NNE	0.1					
9 „	.876	.029	86.4	78.0	8.4	74.7	.847	.69	84.1	82.9	NE b E	0.2					
10 „	.875	.016	87.6	78.6	9.0	75.2	.859	.68	85.0	83.1	E	0.2					
11 „	.864	.005	87.6	78.6	9.0	75.2	.859	.68	85.2	83.2	W b N	0.5	None.	None.	None.	None.	None.
Noon.	.846	.017	88.0	78.0	10.0	74.1	.829	.65	84.7	83.4	NW	0.4					
1 p. m.	.822	.000	88.6	78.0	10.6	73.8	.822	.63	86.0	83.5	WNW	0.6					
2 „	.793	28.940	88.9	78.8	10.1	75.0	.853	.65	86.4	83.6	„	0.7					
3 „	.774	.906	87.9	78.9	9.0	75.5	.868	.68	86.0	83.6	„	1.2					
4 „	.760	.920	87.0	78.0	9.0	74.5	.840	.67	85.3	83.6	NW b W	1.0					
5 „	.768	.910	85.4	78.0	7.4	75.1	.858	.72	84.4	83.7	„	0.6					
6 „	.776	.915	83.3	77.5	5.8	75.2	.861	.77	83.8	83.8	„	0.4					
7 „	.791	.918	82.2	77.5	4.7	75.7	.873	.81	83.2	83.8	„	0.2					
8 „	.808	.930	81.8	77.5	4.3	75.9	.878	.83	83.0	83.7	„	0.1					
9 „	.820	.962	81.7	77.0	4.7	75.1	.858	.81	82.6	83.7	„	0.2					
10 „	.836	.963	81.5	77.3	4.2	75.7	.873	.83	82.3	83.5	„	0.3					
11 „	.838	.972	81.0	77.0	4.0	75.4	.866	.84	82.0	83.5	„	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cc cirro-cumuli; Cu cumuli; Cs cirro-strati; Cu cumulo-strati; and Ns nimbi.	
2	B	Cc scattered around hor.	
1	D	" "	
1	D	" "	
0	D	Cu in NE and E hor.; Cc here and there.	
1	D	Cu in NE and E hor; Cc in S, SW and W above hor.	
2	C	Cu, Cc and Ci all round hor.	
5	C	Cu in NE and E hor.; dense Ci scattered throughout.	
5	C	" " "	
5	C	" " "	
2	B	Cc scattered about; lightning in NE since last observation.	
1	B	Cc scattered about; lightning in NE at every 2m.	
3	B	" " "	
2	B	Cc scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 84°0.
3	D	" "	
3	D	" "	
2	D	" "	
2	D	" "	
5	C	" "	
2	C	" "	
2	C	" "	
5	C	" "	
3	B	" "	
1	B	Cc from N to SE hor; mist in hor.	
1	B	" "	
1	B	" "	
1	D	" "	
0	D	" "	
0	D	" "	
0	D	" "	
1	C	" "	
1	C	" "	
1	C	Ci in W above hor.; Cc here and there.	
1	C	" " "	
2	B	L Cc scattered about moving ESE.	
3	B	" " "	
3	B	" " "	
3	B	Light Cc scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 84°1.
2	D	" " "	
2	D	" " "	
3	D	" " "	
1	D	" " "	
4	C	Ci and Cc scattered throughout moving E.	
4	C	Cc in S; Ci in N and E; Cc scattered about; haze in E hor.	
2	C	Ci in E; Cc here and there; haze in E.	
4	C	Cc in W; Cc throughout moving ENE; haze in hor.	
1	B	Cc around hor.; misty.	
0	B	A few Cc here and there; mist.	
0	B	" " "	
0	B	Cu in NE hor.; Cc here and there in hor.	
1	G	Cu from NE to SE hor.; Cc scattered about.	
2	G	" " "	
2	G	" " "	
3	G	" " "	
3	C	" " "	
4	C	" " "	
4	C	" " "	
5	C	Cc throughout moving E.	
5	B	" "	
5	B	" "	
4	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 12th-Midnight	29.838	28.983	80°6	76°6	4°0	75°0	0.855	0.84	81°6	83°4	NW b W	0.3					
1 a. m.	.837	.964	80.4	77.0	3.4	75.7	.873	.86	81.1	83.3	,,	0.4					
2 ,,	.833	.957	80.1	77.0	3.1	75.8	.876	.87	81.0	83.3	,,	0.2					
3 ,,	.827	.950	80.0	77.0	3.0	75.8	.877	.88	80.9	83.3	,,	0.1					
4 ,,	.831	.954	80.0	77.0	3.0	75.8	.877	.88	80.8	83.3	,,	0.2					
5 ,,	.845	29·000	79.4	76·0	3.4	74.7	.845	.86	80.8	83.2	,,	0.1					
6 ,,	.856	.005	79.6	76.2	3.4	74.9	.851	.86	80.8	83.1	,,	0.1					
7 ,,	.881	.028	82.2	77.0	5.2	75.0	.853	.80	82.0	83.1	NW	0.1					
8 ,,	.891	.032	83.5	77.5	6.0	75.2	·859	.77	83.0	83.1	,,	0.1					
9 ,,	.903	.026	83.6	78.0	5.6	75.8	.877	.78	83.0	83.1	NW b W	0.2					
10 ,,	.901	.031	86.2	78.5	7.7	75·6	.870	.71	84·0	83.2	NW b N	0.2					
11 ,,	.888	.030	87.3	78.5	8.8	75.1	.858	·68	84.8	83.3	NW b W	0.5	None.	None.	None.	None.	None.
Noon.	.865	.032	87.6	78.0	9.6	74.2	.833	.66	85.2	83.4	,,	0.6					
1 p. m.	.835	.008	88.2	78.0	10.2	74.0	.827	.64	85.7	83.5	WNW	0.6					
2 ,,	.816	28.971	88.5	78.5	10.0	74.7	.845	.65	85.9	83.5	,,	0.7					
3 ,,	.798	.937	88.9	79.0	9.9	75.2	.861	.65	86·0	83.6	W b N	0.7					
4 ,,	.794	.913	87.8	79.2	8.6	76.0	.881	.69	85.2	83.7	WNW	0.6					
5 ,,	.798	.931	86.5	78.5	8.0	75.5	.867	.71	85·0	83.8	W b N	0.4					
6 ,,	.815	.942	84.0	78.0	6.0	75.7	.873	.77	84·0	83.9	,,	0.5					
7 ,,	.846	.957	82.5	78.0	4.5	76.3	.889	.82	83.2	83.9	WNW	0.4					
8 ,,	.856	.982	81.8	77.4	4.4	75.7	.874	.83	83.0	83.9	,,	0.4					
9 ,,	.871	29.011	81.5	77.0	4.5	75.2	.860	.82	82.5	83·7	,,	0.3					
10 ,,	.880	.014	81.0	77·0	4.0	75.4	.866	.84	82.0	83.6	,,	0.2					
11 ,,	.877	·034	80.6	76.3	4.3	74.6	·843	.82	81.8	83.5	,,	0.3					
May 13th-Midnight	.862	.027	80.3	76.0	4.3	74.3	·835	.83	81.5	83.5	WNW	0.2					
1 a. m.	.854	.017	80.1	76.0	4.1	74.4	·837	.83	81.2	83.5	,,	0.0					
2 ,,	.847	.018	79.8	75.7	4.1	74.1	·829	.83	81.0	83.4	,,	0.2					
3 ,,	.836	.009	79.6	75.6	4.0	74.0	·827	.84	80.6	83.4	,,	0·2					
4 ,,	.840	.034	79.4	75.0	4.4	73·2	·806	.82	80.2	83.4	,,	0.0					
5 ,,	.855	.048	79.3	75.0	4.3	73.2	·807	.82	80.2	83.3	,,	0.2					
6 ,,	.873	.037	80.2	76.0	4.2	74.3	·836	.83	80.5	83.2	,,	0.1					
7 ,,	.900	.071	81.6	76·2	5.4	74.1	·829	.79	81.6	83.1	,,	0·2					
8 ,,	.914	.103	83.5	76.3	7.2	73.4	·811	.73	82.4	83.1	,,	0.1					
9 ,,	.930	.114	85.5	77.0	8.5	73.7	·816	.69	83.0	83.2	,,	0.2					
10 ,,	.938	.130	86.3	77.0	9.3	73.3	·808	.66	84.0	83.3	W b N	0.3					
11 ,,	.932	.133	86.3	76·8	9.5	73.0	·799	·66	84.4	83.4	WNW	0.5	None.	None.	None.	None.	None.
Noon.	.924	.092	87.7	78.0	9.7	74.2	·832	.66	85.1	83.5	,,	0.7					
1 p. m.	.894	.059	88.2	78.2	10.0	74.3	·835	.65	85.5	83.5	,,	0.6					
2 ,,	.869	.025	88.5	78.4	10.1	74.5	·840	·65	86.0	83.6	W b N	0.7					
3 ,,	.853	.004	88.9	78.7	10.2	74.8	·849	.64	86.2	83.7	WNW	1.0					
4 ,,	.834	.005	88·0	78.0	10.0	74.1	·829	.65	85.4	83.7	NW b W	0.7					
5 ,,	.838	.016	85.0	77.0	8.0	73.8	·822	.70	84.5	83.8	,,	0.6					
6 ,,	.844	.029	83.5	76.4	7.1	73.5	·815	.73	83.5	83.9	WNW	0.4					
7 ,,	.852	.036	82.0	76.0	6.0	73.6	·816	.77	83.0	83.9	NW b W	0.4					
8 ,,	.878	.055	81.4	76.0	5.4	73.8	·823	.79	82.5	83.8	,,	0.3					
9 ,,	.892	.068	81·3	76.0	5.3	73.9	·824	.79	82.3	83.7	NW	0.4					
10 ,,	.892	.083	80.9	75.5	5.4	73.3	·809	.79	81.8	83.6	,,	0.5					
11 ,,	.892	.100	80.6	75.0	5.6	72.7	.792	.78	81.5	83.5	NNW	0.3					
May 14th-Midnight	.881	.082	80.0	75.0	5.0	73.0	.799	.80	81.3	83.4	NNW	0.3					
1 a. m.	.864	.062	79.7	75.0	4·7	73·1	.802	.81	80.9	83.4	,,	0.2					
2 ,,	.854	.054	79.5	74·9	4.6	73.0	.800	.81	80.5	83.4	NW b N	0.1					
3 ,,	.855	.063	79.2	74.6	4.6	72.7	.792	.81	80.1	83.4	NW	0.1					
4 ,,	.862	.090	79.0	74.0	5.0	71.8	.772	.80	80.0	83.3	,,	0.1	None.	None.	None.	None.	None.
5 ,,	.866	·085	78.8	74.2	4.6	72.2	.781	.81	80.0	83·2	,,	0.2					
6 ,,	.886	.088	79.4	74.8	4.6	72.9	.798	.81	80.3	83.1	,,	0·1					
7 ,,	.921	.144	82.0	75.0	7.0	72.0	.772	.73	81·7	83.0	,,	0.2					
8 ,,	.934	.151	85.0	76.0	9.0	72.3	.783	.67	83.0	83.1	NW b N	0.3					
9 ,,	.946	.168	86.2	76.2	10.0	72.1	.778	.64	84.0	83.2	,,	0.5					
10 ,,	.945	.180	86.6	76.0	10.6	71.6	.765	.62	84.4	83.2	,,	0.7					
11 ,,	.931	.173	87.3	76.0	11.3	71.3	.758	.60	84.9	83.3	NW	0.7					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇ cirri; ≀ cirro-cumuli; ⌒ cumuli; ⌣ cirro-strati; ⌒ cumulo-strati; and ≀ nimbi.	
4	B	D fleecy clouds scattered about moving ESE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 84°1.
6	G	" " "	
6	G	" " "	
6	G	" " "	
5	G	⌇ and ≀ scattered throughout; latter moving SE.	12th May was the 13th day on which lightning was observed after sunset.
4	C	≀ in E; ≀ throughout moving SE.	
4	C	≀ in E; ≀ throughout moving SE; haze in E; black mist in W.	
5	C	" " " "	
6	C	" " " "	
5	B	L ≀ throughout moving ESE; haze in hor.	
2	B	" " "	
1	B	⌇ in W; ≀ in E; haze in hor.	
3	B	≀ from NE to SE; ⌇ here and there; haze in hor.	
6	G	⌒ in NE and E hor.; ⌇ and ≀ scattered about; haze.	
6	G	⌒ and ⌒ in N, NE and E hor.; ⌇ throughout; haze.	
6	G	" " "	
6	G	" " "	
6	C	D ⌇ throughout moving E; ⌒ and ⌒ in N, NE and E hor.; haze.	
6	C	" " " "	
6	C	" " " " [in NE.	
6	C	" " " " ; faint lightning	
5	B	" " " " "	
5	B	L ≀ scattered about moving ESE; no lightning.	
3	B	" " "	
3	B	L ≀ scattered about moving SE.	
4	G	" " "	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 84°1.
4	G	" " "	
4	G	" " "	
4	G	" " "	13th May was the 14th day on which lightning was observed after sunset.
4	C	≀ in E; ≀ throughout moving ESE.	
5	C	≀ in N and S; ≀ throughout moving ESE; mist.	
5	C	≀ and ≀ scattered about moving ESE; mist.	
5	C	" " "	
5	B	≀ throughout moving ENE.	
6	B	≀ throughout moving to NE.	
7	B	" "	
4	B	" "	
4	G	⌒ in NE and E hor.; ≀ scattered about moving NE.	
4	G	" " "	
3	G	" " "	
4	G	⌒ from N to SE hor.; ≀ here and there; light mist.	
5	C	⌒ in NE; ⌒ in E; ≀ all round hor.; ⌇ about the zenith.	
6	C	⌒ in NE and E; ⌇ throughout moving E; ≀ here and there; lightning in NE hor. after 6h. 44m.	
5	C	≀ and ≀ scattered throughout; a few ⌇ here and there; continuous lightning in NE.	
4	C	" " " " "	
4	B	L ≀ throughout moving E; lightning in NE and E at every minute.	
5	B	" " " "	
2	B	≀ scattered about; lightning in NE and E at intervals.	
1	B	Clouded around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 85°1 and 84°1.
1	G	" "	
2	G	" "	
6	G	⌇ and ≀ here and there; ≀ throughout moving to ESE.	
6	G	" " "	
5	C	≀ throughout moving SE.	
5	C	≀ throughout moving SE; E hor. unusually clear.	
5	C	" " "	
5	C	" " "	
2	B	≀ around hor.	
2	B	" "	
1	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 14th-Noon.	29.916	29.166	88°0	76°0	12°0	71°0	0.750	0.58	85°3	83°5	NW b W	0.5					
1 p. m.	.886	.138	88.2	76.0	12.2	70.9	.748	.57	85.7	83.5	WNW	0.6					
2 „	.862	.095	88.6	76.6	12.0	71.6	.761	.59	86.0	83.6	„	1.0					
3 „	.836	.058	89.0	77.0	12.0	72.1	.778	.59	86.4	83.6	„	1.4					
4 „	.819	.029	87.9	77.0	10.9	72.6	.790	.62	86.0	83.6	„	1.0	None.	None.	None.	None.	None.
5 „	.825	.046	85.4	76.0	9.4	72.1	.779	.66	84.0	83.7	„	0.3					
6 „	.828	.025	83.2	76.0	7.2	73.1	.803	.73	83.0	83.8	„	0.9					
7 „	.833	.052	81.6	75.0	6.6	72.2	.781	.74	82.5	83.8	NW b W	0.7					
8 „	.848	.079	81.0	74.5	6.5	71.7	.769	.74	82.0	83.7	„	0.7					
9 „	.862	.107	80.5	74.0	6.5	71.2	.755	.74	81.6	83.6	NW	0.6					
10 „	.871	.112	80.2	74.0	6.2	71.3	.759	.75	81.4	83.5	„	0.2					
11 „	.868	.107	80.0	74.0	6.0	71.4	.761	.76	81.1	83.4	„	0.2					
May 16th-Midnight	.830	.058	79.0	74.0	5.0	71.8	.772	.80	80.5	83.4	NW b W	0.1					
1 a. m.	.814	.051	79.8	74.0	5.8	71.5	.763	.77	80.6	83.3	„	0.2					
2 „	.811	.048	79.8	74.0	5.8	71.5	.763	.77	80.5	83.2	„	0.1					
3 „	.808	28.989	79.6	75.4	4.2	73.7	.819	.83	80.3	83.2	„	0.1					
4 „	.816	.997	79.6	75.4	4.2	73.9	.819	.83	80.2	83.1	„	0.2					
5 „	.828	29.024	79.5	75.0	4.5	73.1	.804	.82	80.2	83.1	„	0.1					
6 „	.836	.056	80.0	74.5	4.5	72.2	.780	.78	80.4	83.0	„	0.1					
7 „	.855	.089	81.6	74.6	7.0	71.6	.766	.73	81.5	82.9	NW b N	0.1					
8 „	.872	.124	84.6	75.0	9.6	70.9	.748	.65	83.0	82.9	NNW	0.2					
9 „	.875	.150	86.7	75.0	11.7	69.9	.725	.59	84.0	83.0	„	0.2					
10 „	.871	.134	87.4	75.5	11.9	70.4	.737	.58	84.6	83.2	N b W	0.3					
11 „	.854	.104	88.0	76.0	12.0	71.0	.750	.58	85.1	83.4	NNW	0.3					
Noon.	.835	.092	88.6	76.0	12.6	70.7	.743	.57	85.5	83.4	NW b N	0.3	None.	None.	None.	None.	None.
1 p. m.	.808	.093	89.8	75.6	14.2	69.5	.715	.53	86.0	83.5	W b N	0.1					
2 „	.782	.054	90.0	76.0	14.0	70.0	.728	.53	86.6	83.6	W	0.2					
3 „	.769	.005	88.9	76.6	12.3	71.5	.764	.58	86.6	83.6	W b N	0.2					
4 „	.753	28.983	88.7	76.7	12.0	71.8	.770	.59	86.5	83.6	„	0.3					
5 „	.757	29.007	88.0	76.0	12.0	71.0	.750	.58	86.0	83.7	„	0.3					
6 „	.763	28.980	85.0	76.0	9.0	72.3	.783	.67	85.0	83.8	„	0.2					
7 „	.766	29.002	83.2	75.0	8.2	71.5	.764	.69	84.0	83.9	W	0.2					
8 „	.787	.014	82.4	75.0	7.4	71.9	.773	.71	83.0	83.8	WSW	0.1					
9 „	.808	.048	81.5	74.4	7.1	71.4	.760	.73	82.5	83.6	W b S	0.2					
10 „	.825	.075	81.0	74.0	7.0	71.0	.750	.73	82.0	83.6	„	0.3					
11 „	.825	.070	81.2	74.2	7.0	71.2	.755	.73	82.0	83.6	W b N	0.4					
May 17th-Midnight	.817	.101	80.7	73.0	7.7	69.5	.716	.70	81.5	83.5	W b N	0.4					
1 a. m.	.804	.080	80.0	73.0	7.0	69.9	.724	.72	81.0	83.5	„	0.3					
2 „	.797	.014	79.8	74.5	5.3	72.3	.783	.79	80.6	83.4	WNW	0.3					
3 „	.799	.016	79.3	74.5	5.3	72.3	.783	.79	80.4	83.2	NW b W	0.2					
4 „	.803	.015	79.6	74.6	5.0	72.5	.788	.80	80.0	83.0	„	0.1					
5 „	.805	.046	78.5	73.5	5.0	71.3	.759	.80	80.0	83.0	„	0.1					
6 „	.817	.047	79.2	74.0	5.2	71.8	.770	.79	80.0	82.9	„	0.1					
7 „	.833	.057	82.1	75.0	7.1	72.0	.776	.73	81.2	82.8	„	0.2					
8 „	.847	.079	86.4	76.0	10.4	71.7	.768	.63	83.8	82.8	E b S	0.2					
9 „	.858	.089	88.0	76.5	11.5	71.7	.769	.60	85.0	83.0	„	0.1					
10 „	.857	.099	88.0	76.2	11.8	71.3	.758	.59	85.0	83.1	ESE	0.2					
11 „	.848	.070	89.0	77.0	12.0	72.1	.778	.59	85.6	83.2	SW b S	0.2					
Noon.	.832	.065	90.0	77.0	13.0	71.6	.767	.56	86.2	83.4	WSW	0.3	None.	None.	None.	None.	None.
1 p. m.	.813	.036	90.6	77.4	13.2	72.0	.777	.56	87.0	83.5	„	0.2					
2 „	.794	.015	90.8	77.5	13.3	72.1	.779	.56	87.4	83.5	W	0.2					
3 „	.789	28.993	91.0	78.0	13.0	72.8	.796	.57	87.5	83.6	WNW	0.3					
4 „	.776	.966	89.7	78.0	11.7	73.3	.810	.60	87.0	83.7	„	0.4					
5 „	.781	.992	88.0	77.0	11.0	72.6	.789	.61	86.0	83.8	„	0.3					
6 „	.794	29.011	85.4	76.1	9.3	72.3	.783	.66	85.0	83.9	W b N	0.3					
7 „	.802	.004	83.6	76.0	7.6	72.9	.798	.71	84.2	83.9	WNW	0.3					
8 „	.825	.018	82.8	76.0	6.8	73.2	.807	.74	83.4	83.8	„	0.2					
9 „	.840	.030	82.5	76.0	6.5	73.3	.810	.75	83.0	83.7	„	0.3					
10 „	.851	.057	82.2	75.5	6.7	72.8	.794	.74	82.6	83.7	„	0.2					
11 „	.845	.068	82.0	75.0	7.0	72.0	.777	.73	82.4	83.6	NW b W	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ≀≀ nimbi.	Remarks.
0	B	A few ≀≀ in E, SE and W hor.	
1	G	" "	
2	G	⌒≀ from N to E hor.; ≀≀ here and there.	
2	G	" " "	
3	G	" " "	
2	C	⌒≀ and ≀≀ around hor.	
1	C	⌒≀ in NE, E and SE hor.; ≀≀ in W hor.	
0	C	A few clouds in NE.	
0	C	Clear.	
0	C	"	
0	C	"	
0	C	"	
2	B	≀≀ scattered about; lightning in NE hor. at intervals of about 2m.	Mean daily temperature of ground 20 and 60 inches below its surface 85°3 and 84°2. At 1 P. M. the temperature of calculated dew-point was 69°5, lowest in the month, and about 7°4 lower than the normal mean.
5	G	≀≀ and ≀≀ throughout; the latter moving SE; lightning in E and NE hor.	
6	G	" " " "	
6	G	" " " "	
6	G	≀≀ scattered throughout moving ESE; ≀ about the zenith; lightning in N and NE hor. at times.	
5	C	≀≀ throughout moving SE; ≀≀ in W.	
6	C	≀≀ throughout moving SE; ≀≀ in W; mist in hor.	
5	C	≀≀ scattered about moving SE.	
4	C	" "	
2	B	≀≀ from NW to SE (by N) hor.	16th May was the 15th day from the beginning of the year on which lightning was observed.
2	B	" "	
2	B	≀ in W and E above hor.; ≀≀ scattered about.	
2	B	≀ in W and E above hor.; ≀≀ scattered about; mist in hor.	
4	G	⌒≀ in NE and E hor.; ≀ scattered about; mist.	
5	G	" " "	
5	G	" " "	
6	G	⌒≀ from NE to SE hor.; D ≀ scattered about moving ESE.	
6	C	⌒≀ and ⌒≀ in NE, E and SE hor.; D ≀ throughout moving E.	
6	C	⌒≀ and ⌒≀ in NE, E and SE hor.; D ≀ throughout moving E; lightning in E hor.	
5	C	≀ scattered about moving E; lightning in E hor.	
4	C	Clouded with D ≀; lightning in E hor. at every 3m.	
2	B	≀ and ≀≀ scattered about; lightning in E hor. at long intervals.	
3	B	D ≀≀ scattered throughout.	
5	B	" "	
4	B	D ≀≀ scattered about moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°2 and 84°1. Lowest temperature of evaporation during this month occurred at midnight and 1 A. M.
5	G	≀, ≀≀ and L ≀≀ throughout; ≀≀ moving SE.	
4	G	≀≀ scattered about moving SE.	
3	G	" "	
2	G	" "	
2	C	" "	
3	C	" "	
5	C	" "	
5	C	" "	
2	B	≀≀ all round hor.; mist in hor.	17th May was the 16th day on which lightning was observed after sunset.
2	B	" "	
1	B	" "	
1	B	" "	
2	G	⌒≀ in NE hor.; ≀≀ around hor.; mist.	
2	G	" " "	
3	G	" " "	
3	G	" " "	
4	C	⌒≀ in NE and E hor.; ≀≀ and ≀≀ scattered about.	
4	C	" " "	
5	C	≀≀ and L ≀≀ scattered throughout, both moving to ESE.	
5	C	" " "	
4	B	≀≀ scattered about moving ESE; lightning in NE and E hor. since the last hour.	
6	B	≀≀ scattered throughout; lightning in NE and E hor. every minute.	
6	B	" " " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 18th-Midnight	29.830	29.049	81°6	75°0	6°6	72°2	0.731	0.74	82°1	83°6	NW	0.4					
1 a. m.	.828	.041	81.1	75.0	6.1	72.5	.787	.76	81.7	83.5	„	0.3					
2 „	.826	.009	80.9	75.7	5.2	73.6	.817	.79	81.5	83.4	N	0.1					
3 „	.822	.012	80.4	75.4	5.0	73.3	.810	.80	80.8	83.4	NNW	0.2					
4 „	.823	.024	80.0	75.0	5.0	73.0	.799	.80	80.5	83.4	N	0.1					
5 „	.825	.026	80.0	75.0	5.0	73.0	.799	.80	80.5	83.3	„	0.1					
6 „	.849	.049	80.3	75.1	5.2	73.0	.800	.79	80.6	83.2	N b W	0.1					
7 „	.871	.078	83.3	75.8	7.5	72.7	.793	.71	82.0	83.1	NNE	0.2					
8 „	.889	.095	85.8	76.5	9.3	72.8	.794	.66	83.8	83.1	NE	0.1					
9 „	.896	.133	87.8	76.3	11.5	71.5	.763	.60	85.0	83.3	NE b E	0.1	None.	None.	None.	None.	None.
10 „	.893	.112	88.7	77.0	11.7	72.2	.781	.60	85.7	83.4	ENE	0.1					
11 „	.880	.069	89.6	78.0	11.6	73.4	.811	.61	86.4	83.6	WNW	0.5					
Noon.	.865	.058	90.0	78.0	12.0	73.2	.807	.59	87.0	83.8	NW	0.6					
1 p. m.	.836	.025	90.4	78.2	12.2	73.4	.811	.58	87.4	83.8	W b N	0.7					
2 „	.819	28.985	89.5	78.5	11.0	74.3	.834	.62	87.1	83.9	„	1.0					
3 „	.792	.935	89.3	79.0	10.3	75.1	.857	.64	87.0	84.0	„	1.2					
4 „	.777	.906	88.0	79.0	9.0	75.6	.871	.68	86.2	84.1	„	1.4					
5 „	.778	.922	87.0	78.4	8.6	75.1	.856	.69	85.3	84.1	„	0.6					
6 „	.790	.983	85.0	76.6	8.4	73.2	.807	.69	84.7	84.2	„	0.7					
7 „	.800	.992	83.5	76.2	7.3	73.3	.808	.72	84.0	84.3	„	0.6					
8 „	.820	29.015	83.0	76.0	7.0	73.2	.805	.73	83.6	84.2	„	0.6					
9 „	.847	.018	82.6	76.5	6.1	74.1	.829	.76	83.2	84.0	„	0.5					
10 „	.863	.014	82.5	77.0	5.5	74.8	.849	.79	83.0	84.0	WNW	0.3					
11 „	.863	.010	82.2	77.0	5.2	75.0	.853	.80	82.7	84.0	„	0.2					
May 19th-Midnight	.854	.035	81.7	76.0	5.7	73.7	.819	.78	82.5	83.9	WNW	0.2					
1 a. m.	.838	28.992	81.4	76.6	4.8	74.7	.846	.81	82.1	83.8	„	0.3					
2 „	.831	.981	80.9	76.5	4.4	74.8	.850	.82	81.7	83.7	NW b W	0.2					
3 „	.820	.989	80.6	76.0	4.6	74.1	.831	.82	81.5	83.7	„	0.3					
4 „	.816	.982	80.4	76.0	4.4	74.3	.834	.82	81.2	83.6	„	0.2					
5 „	.830	29.022	79.2	75.0	4.2	73.3	.808	.83	81.0	83.5	„	0.1					
6 „	.853	.012	79.7	76.0	3.7	74.5	.841	.85	81.0	83.4	„	0.1					
7 „	.875	.037	83.5	77.0	6.5	74.4	.838	.75	82.7	83.4	„	0.1					
8 „	.883	.052	86.0	77.5	8.5	74.1	.831	.69	84.0	83.5	„	0.2					
9 „	.890	.050	87.0	78.0	9.0	74.5	.840	.67	85.0	83.7	„	0.3					
10 „	.888	.017	88.0	79.0	9.0	75.6	.871	.68	86.0	83.9	WNW	0.4					
11 „	.882	28.984	89.4	80.0	9.4	76.6	.898	.67	86.5	84.1	„	0.5	None.	None.	None.	None.	None.
Noon.	.873	.956	89.6	80.5	9.1	77.2	.917	.68	86.9	84.2	W	0.6					
1 p. m.	.846	.918	89.8	80.8	9.0	77.6	.928	.68	87.0	84.2	W b W	0.7					
2 „	.816	.902	89.9	80.5	9.4	77.1	.914	.67	87.2	84.3	„	1.0					
3 „	.782	.859	89.0	80.5	8.5	77.4	.923	.70	86.9	84.4	„	0.7					
4 „	.764	.835	88.1	80.4	7.7	77.6	.929	.72	86.0	84.5	„	0.7					
5 „	.773	.889	86.8	79.0	7.8	76.1	.884	.71	85.4	84.5	NW	0.8					
6 „	.790	.926	84.8	78.0	6.8	75.4	.864	.74	84.4	84.6	NW b W	0.7					
7 „	.804	.924	83.4	78.0	5.4	75.9	.880	.69	84.1	84.6	NW	0.7					
8 „	.825	.942	83.1	78.0	5.1	76.0	.883	.80	83.7	84.5	NW b W	0.4					
9 „	.855	.985	82.5	77.5	5.0	75.6	.870	.80	83.2	84.4	„	0.2					
10 „	.866	29.013	82.2	77.0	5.2	75.0	.853	.80	83.0	84.4	„	0.2					
11 „	.853	28.998	82.0	77.0	5.0	75.0	.855	.80	82.6	84.3	NW	0.3					
May 20th-Midnight	.842	.963	81.7	77.5	4.2	75.9	.879	.83	82.6	84.2	NW b N	0.3					
1 a. m.	.825	.950	81.3	77.3	4.0	75.8	.875	.84	82.0	84.1	WNW	0.2					
2 „	.822	.954	80.8	77.0	3.8	75.5	.868	.85	81.8	84.0	„	0.1					
3 „	.822	.949	80.4	77.0	3.4	75.7	.873	.86	81.2	84.0	„	0.2	None.	None.	None.	None.	None.
4 „	.824	.949	80.2	77.0	3.2	75.8	.875	.87	81.0	83.9	„	0.1					
5 „	.836	.961	80.2	77.0	3.2	75.8	.875	.87	81.0	83.8	„	0.2					
6 „	.862	.989	80.4	77.0	3.4	75.7	.873	.86	81.0	83.7	NW b N	0.1					
7 „	.885	29.009	83.7	78.0	5.7	75.8	.876	.78	82.7	83.7	WNW	0.1					
8 „	.889	.035	85.7	78.0	7.7	75.0	.854	.71	84.0	83.7	NNE	0.1					
9 „	.898	.011	86.5	79.0	7.5	76.2	.887	.72	84.6	83.9	NW	0.3					
10 „	.891	.009	87.0	79.0	8.0	76.0	.882	.71	85.0	84.0	„	0.3					
11 „	.876	28.997	88.0	79.2	8.8	75.9	.879	.68	85.5	84.1	„	0.4					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ∿ cirri; ≋ cirro-cumuli; ⌒ cumuli; ⌣ cirro-strati; ⌒ cumulo-strati; and ≋ nimbi.	
3	B	≋ scattered about; lightning in NE at times.	Mean daily temperature of ground 20 and 60 inches below its surface 85°2 and 84°1. Maximum length of the spark by Ronald's measure. 18th May was the 17th day on which lightning was observed.
4	G	≋ and L ≋ scattered about moving ENE.	
6	G	≋ throughout moving E; drops of rain at 2h. 39m.	
5	G	≋ scattered about moving E.	
5	G	" "	
3	C	L ≋ scattered all round hor.	
2	C	" "	
2	C	≋ in E above hor.; light ≋ here and there; mist in hor.	
2	C	" " " "	
1	B	≋ along the hor.; mist.	
1	B	" "	
1	B	" "	
1	B	" "	
2	G	⌒ in NE and E hor.; ≋ scattered about; mist.	
3	G	" " "	
3	G	" " "	
3	G	" " "	
3	C	⌒ in N and NE; ⌣ in SE and ≋ in W above hor.	
3	C	⌒ in N and NE; ⌣ in SE and ≋ in W above hor.; lightning in NE and E hor. observed at 6h. 50m.	
3	C	⌒ and ⌣ along E hor.; ≋ in W; continuous lightning in NE and E hor.	
2	C	" " " "	
0	B	A few ≋ in hor., in W; ⌒ in eastern hor.; lightning in NE and E hor. at every 30s.	
0	B	" " " "	
0	B	" " " "	
1	B	≋ in hor; lightning in ESE at intervals of about 3m. 30s.	Mean daily temperature of ground 20 and 60 inches below its surface 85°2 and 84°2. 19th May was the 18th day on which lightning was observed.
2	G	≋ scattered about; lightning in E and SE at times.	
5	G	" " "	
5	G	" " "	
2	G	" " "	
2	C	≋ scattered all round hor.; no lightning.	
2	C	" "	
2	C	≋ in N, NE and E above hor.; haze in E hor.	
3	C	∿ in S; ≋ scattered about moving ENE; haze in hor.	
3	B	≋ scattered about moving NE; haze in hor.	
3	B	" " "	
4	B	" " "	
2	B	" " "	
2	G	" " "	
4	G	⌣ in NE, E and SE hor; ≋ scattered about.	
4	G	" " "	
4	G	" " "	
3	C	⌒ in N and NNE; ⌣ in E and SE; ∿ and ≋ here and there.	
4	C	⌒ in N and NNE; ⌣ in E and SE; ∿ and ≋ here and there; lightning in NE and E observed at 6h. 40m.	
4	C	Clouded with D ∿ and ≋; continuous lightning in NE and E.	
3	C	" " " "	
4	B	Densely clouded the eastern half of the sky; lightning in ENE at longer intervals than the last observation.	
1	B	∿ and ≋ scattered about; lightning in NE.	
1	B	" " "	
5	B	≋ scattered throughout moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°3 and 84°3. 20th May was the 19th day on which lightning was observed after sunset.
7	G	Overcast with ≋ moving SE.	
7	G	" "	
6	G	≋ and ≋ scattered throughout, the latter moving SE.	
5	G	" " "	
4	C	" " "	
4	C	" " "	
5	C	" " "	
5	C	" " "	
3	B	≋ scattered all around; mist in hor.	
1	B	∿ in E; ≋ here and there; mist in hor.	
1	B	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or —	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 20th-Noon.	29.861	28.999	88°8	79°0	9°8	75°3	0.862	0.66	86°0	84°2	NW b W	0.4					
1 p. m.	.825	.947	89.7	79.6	10.1	75.9	.878	.65	86.5	84.3	WNW	0.5					
2 „	.794	.902	89.9	80.0	9.9	76.4	.892	.65	86.8	84.4	„	0.6					
3 „	.768	.870	89.4	80.0	9.4	76.6	.898	.67	86.1	84.4	„	0.6					
4 „	.743	.837	88.6	80.0	8.6	76.8	.906	.69	86.0	84.4	„	0.5					
5 „	.748	.910	87.2	78.0	9.2	74.4	.838	.67	85.0	84.4	„	0.6					
6 „	.767	.940	84.5	77.0	7.5	74.0	.827	.72	84.0	84.5	„	0.3	None.	None.	None.	None.	None.
7 „	.778	.937	83.3	77.0	6.3	74.5	.841	.76	83.5	84.5	„	0.5					
8 „	.815	.964	82.4	77.0	5.4	74.9	.851	.79	83.2	84.5	„	0.3					
9 „	.829	.974	82.0	77.0	5.0	75.0	.855	.80	82.8	84.3	„	0.2					
10 „	.833	.974	81.6	77.0	4.6	75.2	.859	.82	82.4	84.2	„	0.2					
11 „	.831	.973	81.0	76.8	4.2	75.1	.858	.83	82.2	84.1	„	0.0					
May 21st-Midnight	.810	.944	81.0	77.0	4.0	75.4	.866	.84	82.1	84.0	WNW	0.2					
1 a. m.	.805	.938	80.9	77.0	3.9	75.5	.867	.84	81.7	83.9	„	0.3					
2 „	.798	.931	80.9	77.0	3.9	75.5	.867	.84	81.5	83.9	„	0.2					
3 „	.796	.926	80.6	77.0	3.6	75.6	.870	.85	81.3	83.9	NW b N	0.2					
4 „	.808	.931	80.0	77.0	3.0	75.8	.877	.88	81.0	83.8	NW	0.2					
5 „	.821	.983	80.0	76.0	4.0	74.4	.838	.84	81.0	83.7	„	0.3					
6 „	.839	29.000	80.3	76.1	4.2	74.4	.839	.83	81.0	83.6	„	0.1					
7 „	.857	.015	83.2	77.0	6.2	74.6	.842	.76	82.1	83.5	„	0.2					
8 „	.864	.042	85.0	77.0	8.0	73.8	.822	.70	83.5	83.6	„	0.2					
9 „	.863	.014	86.2	78.0	8.2	74.8	.849	.70	84.5	83.7	„	0.2					
10 „	.861	.061	87.0	77.0	10.0	73.0	.800	.64	85.0	83.9	„	0.3					
11 „	.851	.037	87.6	77.5	10.1	73.5	.814	.64	85.5	84.0	WNW	0.4					
Noon.	.822	28.962	89.0	79.0	10.0	75.2	.860	.65	86.1	84.1	„	0.5	None.	None.	None.	None.	None.
1 p. m.	.795	.922	89.4	79.4	10.0	75.7	.873	.65	86.4	84.2	W b N	0.4					
2 „	.763	.868	89.6	80.0	9.6	76.5	.895	.67	86.7	84.2	„	0.6					
3 „	.730	.828	89.0	80.0	9.0	76.7	.902	.68	86.1	84.2	WNW	0.6					
4 „	.724	.813	88.2	80.0	8.2	77.0	.911	.70	86.0	84.3	„	1.0					
5 „	.731	.886	86.5	78.0	8.5	74.7	.845	.69	85.2	84.4	„	0.7					
6 „	.733	.877	83.8	77.5	6.3	75.1	.856	.76	84.0	84.4	„	0.7					
7 „	.770	.921	82.5	77.0	5.5	74.8	.849	.79	83.0	84.3	„	1.0					
8 „	.778	.911	82.4	77.4	5.0	75.5	.867	.80	82.8	84.3	„	0.8					
9 „	.789	.934	82.0	77.0	5.0	75.0	.855	.80	82.5	84.3	„	0.6					
10 „	.800	.932	81.6	77.2	4.4	75.5	.868	.83	82.3	84.2		0.3					
11 „	.800	.940	81.5	77.0	4.5	75.2	.860	.82	82.2	84.1	„	0.2					
May 23rd-Midnight	.817	.931	82.8	78.0	4.8	76.1	.886	.81	83.4	84.2	W b N	0.6					
1 a. m	.803	.912	82.4	78.0	4.4	76.3	.891	.83	83.1	84.2	NW b W	0.7		+	10		2.26
2 „	.802	.924	81.8	77.5	4.3	75.9	.878	.82	82.8	84.1	NW	1.0		+ +	16		1.14
3 „	.811	.947	81.2	77.0	4.2	75.4	.864	.83	82.0	84.1	NNW	0.5		+ +	20		0.50
4 „	.823	.954	80.7	77.0	3.7	75.5	.869	.85	81.4	84.0	„	0.3		+	6		2.16
5 „	.836	29.028	79.2	75.0	4.2	73.3	.808	.83	81.0	83.9	„	0.1					
6 „	.858	.054	79.5	75.0	4.5	73.1	.804	.82	81.0	83.8	„	0.1					
7 „	.878	.069	83.4	76.2	7.2	73.3	.809	.73	82.2	83.7	„	0.1					
8 „	.888	.088	85.2	76.5	8.7	73.0	.800	.68	83.3	83.7	„	0.1					
9 „	.896	.074	85.0	77.0	8.0	73.8	.822	.70	84.0	83.9	NW b N	0.2					
10 „	.896	.030	84.6	78.0	6.6	75.4	.866	.75	84.0	83.9	„	0.4					
11 „	.893	.019	86.2	78.6	7.6	75.7	.874	.72	84.6	84.0	„	0.3					
Noon.	.873	.001	87.9	79.0	8.9	75.6	.872	.68	85.6	84.0	„	0.4					
1 p. m.	.843	28.931	88.8	80.2	8.6	77.0	.912	.69	86.0	84.1	NW b W	0.3					
2 „	.827	.925	89.0	80.0	9.0	76.7	.902	.68	86.2	84.2	„	0.4					
3 „	.800	.886	89.5	80.4	9.1	77.1	.914	.68	86.5	84.3	„	0.3					
4 „	.778	.905	88.7	80.0	8.7	76.8	.905	.69	86.0	84.4	WNW	0.2					
5 „	.783	.913	87.5	80.0	7.5	77.3	.918	.73	85.0	84.5	„	0.2					
6 „	.789	.905	85.3	79.1	6.2	76.8	.905	.76	84.7	84.6	„	0.3					
7 „	.794	.919	83.6	79.0	4.6	77.3	.919	.82	84.2	84.6	„	0.4					
8 „	.798	.924	83.2	79.0	4.2	77.5	.924	.83	83.7	84.5	„	0.6					
9 „	.811	.926	82.6	78.9	3.7	77.5	.926	.85	83.2	84.4	„	0.1					
10 „	.809	.916	82.4	78.6	3.8	77.2	.916	.85	83.0	84.4	„	0.1					
11 „	.807	.916	82.4	78.6	3.8	77.2	.916	.85	83.0	84.3	„	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌐i cirri; ∿i cirro-cumuli; ∩i cumuli; ⌐i cirro-strati; ∩i cumulo-strati; and ∿i nimbi.	
1	B	⌐i in E above hor; ∩i in NE and E hor.; ∿i scattered about.	
5	G	∩i in NE and E; D ⌐i scattered throughout.	
5	G	" " "	
4	G	∩i in NE; ∩i in E and SE; ⌐i scattered about.	
4	G	" " "	
3	C	∩i extended from NNE to SE; ⌐i and ∿i scattered about.	
3	C	∩i extended from NNE to SE; ⌐i and ∿i scattered about; lightning in NE and E after 6h. 45m.	
3	C	∩i and ∿i from NE to SE hor.; ⌐i in E of zenith; continuous lightning in NE & E hor.	
4	C	" " " "	
1	B	⌐i and ∩i in NE, E and SE; lightning in NE at intervals of about 2m.	
1	B	⌐i and ∩i in NE, E and SE; lightning at times.	
3	B	F clouds scattered about moving ESE; no lightning.	
1	B	⌐i in E; a few ∿i here and there.	Mean daily temperature of ground 20 and 60 inches below its surface 85°3 and 84°3.
6	G	L ∿i scattered throughout moving SE.	
6	G	" "	
6	G	" "	
4	G	" "	
3	C	∿i scattered around hor.	
3	C	" "	
3	C	L ∿i scattered about; mist in E and W hor.	
3	C	" "	
2	B	∿i scattered around hor.; mist.	
1	B	" "	
1	B	∩i in NE, E and SE hor.; ∿i extending from N to W.	
1	B	" " "	
2	G	∩i extended from NE to SE hor.; ⌐i in SW; mist in W.	
2	G	" " "	
2	G	" " "	
4	G	∩i in NE; ∩i in E and SE; and ∿i in W; mist.	
2	B	" " "	
1	B	" " "	
2	B	" " "	
2	B	∩i along E hor.; and ∿i along W hor.	
1	B	⌐i and ∿i around the E and W hor.	
1	B	" "	
1	B	" "	
8	B	Overcast with D ∿i and ∿i, both moving slowly to W.	Mean daily temperature of ground 20 and 60 inches below its surface 85°4 and 84°3. Greatest temperature of calculated dew-point occurred at 9 P. M. in this month.
8	G	Overcast with ∿i; fresh breezes of wind from NW.	
8	G	Overcast with ∿i moving SE; drops of rain after 2h. 27m.	
8	G	Overcast with ∿i moving SE; drops of rain from 3h. 9m. to 3h. 42m.	
8	G	Overcast with ∿i moving SE.	
7	C	∿i and ∿i scattered throughout, the latter moving SE.	
8	C	" " "	23rd May was the 1st day on which fall of rain however small was recorded from the beginning of the year.
6	C	" " "	
8	C	∿i about the zenith; ∿i throughout; mist in hor. [fall at 9h. 30m.	
8	B	Overcast with ∿i and ∿i, the latter moving slowly to NNW; drops of rain began to	
8	B	Overcast with ∿i moving NNW; drops of rain ceased to fall after 10h. 25m.	
8	B	Overcast with ∿i moving NNW.	
7	B	∿i and ∿i throughout; ∿i moving N; mist in W.	
7	G	" " "	
7	G	" " "	
6	G	⌐i scattered throughout; L ∿i here and there; mist.	
6	G	" " "	
5	C	∿i in N; ⌐i throughout moving NE.	
5	C	" " "	
5	C	D ⌐i scattered throughout moving ENE.	
3	C	" " "	
4	C	" " "	
5	C	" " "	
6	C	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 25th-Midnight	29.791	28.899	82°3	78°0	4°3	76°4	0.892	0.83	83°0	84°4	W b S	0.5					
1 a. m.	.775	.889	81.8	78.0	3.8	76.5	.886	.81	82.8	84.4	NW b W	0.4					
2 „	.770	.870	81.5	78.0	3.5	76.6	.900	.86	82.2	84.4	„	0.3					
3 „	.767	.864	80.9	77.9	3.0	76.7	.903	.88	82.0	84.3	NW	0.2					
4 „	.767	.894	80.4	77.0	3.4	75.7	.873	.86	81.5	84.2	„	0.2					
5 „	.782	.932	79.3	76.1	3.2	74.8	.850	.87	81.2	84.1	„	0.1					
6 „	.800	.925	80.2	77.0	3.2	75.8	.875	.87	81.2	84.0	„	0.2					
7 „	.812	.939	82.9	77.7	5.2	75.7	.873	.80	82.3	83.9	„	0.1					
8 „	.822	.953	84.4	78.0	6.4	75.5	.869	.76	83.1	83.9	„	0.1					
9 „	.827	.974	85.8	78.0	7.8	75.0	.853	.71	84.0	84.0	„	0.2					
10 „	.822	.982	87.0	78.0	9.0	74.5	.840	.67	84.8	84.1	W	0.2	None.	None.	None.	None.	None.
11 „	.811	.967	88.6	78.5	10.1	74.6	.844	.65	85.6	84.2	WSW	0.2					
Noon.	.801	.972	89.0	78.0	11.0	74.1	.829	.62	86.0	84.4	„	0.2					
1 p. m.	.774	.953	90.2	78.4	11.8	73.8	.821	.60	86.6	84.5	W b S	0.3					
2 „	.755	.921	91.4	79.0	12.4	74.3	.834	.58	87.0	84.5	„	0.4					
3 „	.738	.904	91.4	79.0	12.4	74.3	.834	.58	87.6	84.6	„	0.3					
4 „	.732	.897	91.3	79.0	12.3	74.3	.835	.59	87.5	84.7	„	0.2					
5 „	.738	.887	89.8	79.0	10.8	74.9	.851	.63	86.8	84.8	„	0.2					
6 „	.750	.889	87.0	78.5	8.5	75.2	.861	.69	86.0	84.9	„	0.2					
7 „	.760	.921	84.6	77.3	7.3	74.4	.839	.73	85.0	84.9	W	0.1					
8 „	.765	.930	83.8	77.0	6.8	74.3	.835	.74	84.6	84.9	„	0.1					
9 „	.770	.954	82.8	76.2	6.6	73.6	.816	.75	83.5	84.7	W b S	0.1					
10 „	.772	.962	82.5	76.0	6.5	73.3	.810	.75	83.3	84.6	„	0.1					
11 „	.766	.950	82.0	76.0	6.0	73.6	.816	.77	83.0	84.5	WSW	0.2					
May 26th-Midnight	.742	.922	81.6	76.0	5.6	73.7	.820	.78	82.5	84.5	WSW	0.2					
1 a. m.	.724	.897	81.0	76.0	5.0	74.0	.827	.80	82.1	84.4	„	0.1		+	2		3.11
2 „	.709	.881	80.9	76.0	4.9	74.0	.828	.80	82.0	84.3	„	0.1		+ +	1		Above 10m.
3 „	.711	.888	80.6	75.8	4.8	73.8	.823	.81	81.6	84.1	„	0.1		+	6		2.00
4 „	.723	.924	80.0	75.0	5.0	73.0	.799	.80	81.0	84.0	„	0.1		+	6		1.51
5 „	.734	.932	79.7	75.0	4.7	73.1	.802	.81	80.6	84.0	„	0.1					
6 „	.754	.922	80.5	76.0	4.5	74.2	.832	.82	81.0	83.9	„	0.1					
7 „	.772	.967	83.0	76.0	7.0	73.2	.805	.73	82.2	83.8	W b S	0.1					
8 „	.778	.951	84.5	77.0	7.5	74.0	.827	.72	83.1	83.8	„	0.1					
9 „	.787	.987	85.6	76.6	9.0	73.0	.800	.67	84.0	83.9	WNW	0.2					
10 „	.789	.993	87.5	77.0	10.5	72.8	.796	.63	85.0	84.0	W	0.2	None.			None.	
11 „	.783	.977	88.6	77.6	11.0	73.2	.806	.62	85.5	84.1	W b S	0.1					
Noon.	.765	.953	89.5	78.0	11.5	73.4	.812	.61	86.0	84.2	WNW	0.3					
1 p. m.	.745	.926	90.4	78.4	12.0	73.7	.819	.59	86.6	84.3	NW b W	0.2					
2 „	.727	.889	91.0	79.0	12.0	74.4	.838	.59	87.0	84.4	„	0.2					
3 „	.708	.834	90.9	79.8	11.1	75.7	.874	.62	87.0	84.4	„	0.3					
4 „	.700	.826	90.9	79.8	11.1	75.7	.874	.62	87.0	84.5	„	0.2					
5 „	.711	.851	89.0	79.0	10.0	75.2	.860	.65	86.6	84.6	NW	0.3					
6 „	.716	.858	86.5	78.3	8.2	75.1	.858	.70	85.5	84.7	„	0.3					
7 „	.726	.859	84.5	78.0	6.5	75.5	.867	.75	85.0	84.7	NW b N	0.3					
8 „	.732	.859	84.0	78.0	6.0	75.7	.873	.77	84.4	84.6	„	0.2					
9 „	.745	.902	83.1	77.0	6.1	74.6	.843	.76	83.8	84.4	NNW	0.2					
10 „	.765	.917	82.6	77.0	5.6	74.8	.848	.78	83.5	84.4	„	0.0					
11 „	.766	.918	82.6	77.0	5.6	74.8	.848	.78	83.5	84.4	WNW	0.0					
May 27th-Midnight	.756	.925	82.4	76.5	5.9	74.1	.831	.78	83.2	84.4	W b N	0.2					
1 a. m.	.733	.881	82.3	77.0	5.3	74.9	.852	.79	82.4	84.3	W b S	0.1					
2 „	.728	.873	8.20	77.0	5.0	75.0	.855	.80	82.1	84.2	„	0.2					
3 „	.720	.900	81.6	76.0	5.6	73.7	.820	.78	82.0	84.1	„	0.1					
4 „	.716	.856	81.5	77.0	4.5	75.2	.860	.82	82.0	84.0	W b N	0.2					
5 „	.728	.894	81.2	77.0	4.2	74.3	.834	.83	81.8	83.9	„	0.1					
6 „	.749	.874	81.7	77.4	4.3	75.8	.875	.83	82.0	83.8	„	0.2					
7 „	.768	.879	84.0	78.4	5.6	76.3	.889	.78	83.0	83.8	NW b W	0.1	None.	None.	None.	None.	None.
8 „	.778	.916	86.5	78.4	8.1	75.3	.862	.70	84.4	83.9	NW	0.1					
9 „	.788	.913	87.6	79.0	8.6	75.8	.875	.69	85.4	84.0	NW b N	0.2					
10 „	.792	.923	88.2	79.0	9.2	75.5	.869	.67	86.0	84.1	NNW	0.2					
11 „	.774	.907	89.2	79.2	10.0	75.5	.867	.65	86.5	84.2	NW b N	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌒i cirri; ⌒i cirro-cumuli; ⌒i cumuli; ⌒i cirro-strati; ⌒i cumulo-strati; and ⌒i nimbi.	
3	B	⌒i scattered all round moving SE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°5 and 84°4.
2	G	⌒i in N; ⌒i around hor.	
4	G	L ⌒i scattered about moving SE.	
5	G	" "	
5	G	" "	
4	C	" "	
5	C	" "	
5	C	⌒i about the zenith; ⌒i scattered about; mist in E hor.	
5	C	" " "	
2	B	⌒i around hor.; mist.	
2	B	⌒i in E and S; ⌒i around rest of the hor.; mist.	
2	B	⌒i from NE to S; ⌒i scattered about; mist.	
2	B	" " "	
2	G	" " "	
1	G	⌒i and ⌒i scattered about; haze in E.	
1	G	" " "	
1	G	" " "	
3	C	⌒i scattered about moving E.	
3	C	" "	
5	C	" "	
3	C	" "	
2	B	⌒i all round hor.	
3	B	" "	
3	B	" "	
3	B	⌒i scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 85°6 and 84°5.
5	G	L ⌒i throughout moving E.	
3	G	⌒i in NW; ⌒i scattered about.	
3	G	" "	
6	G	" "	
4	C	⌒i scattered throughout moving E.	
5	C	" "	
5	C	" "	
5	C	" "	
2	B	⌒i around hor.; haze in E and W hor.	
3	B	" " "	
3	B	" " "	
3	B	" " "	
4	G	L ⌒i scattered about moving E; mist in hor.	
4	G	" " "	
4	G	" " "	
5	G	⌒i and ⌒i scattered about moving E.	
5	C	" "	
5	C	" "	
5	C	" "	
3	C	⌒i all round hor.	
2	B	" "	
1	B	" "	
3	B	⌒i scattered around hor. moving E.	
3	B	L ⌒i all round hor.	Mean daily temperature of ground 20 and 60 inches below its surface 85°7 and 84°6.
3	G	" "	
5	G	⌒i throughout moving ENE.	
5	G	" "	
5	G	" "	
4	C	" "	
6	C	" "	
3	C	" "	
7	C	Densely clouded with ⌒i moving E.	
4	B	F clouds scattered about moving ESE.	
3	B	" " "	
2	B	⌒i scattered around the hor.; mist in E.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 27th-Noon.	29.761	28.912	90°0	79°0	11°0	74°8	0.849	0.62	87°0	84°4	NW b N	0.3					
1 p. m.	.738	.872	90.4	79.5	10.9	75.4	.866	.62	87.2	84.5	,,	0.3					
2 ,,	.723	.845	91.3	80.0	11.3	75.9	.878	.62	87.6	84.5	NW	0.4					
3 ,,	.707	.810	91.5	80.5	11.0	76.5	.897	.63	87.9	84.6	NW b W	0.3					
4 ,,	.707	.826	91.0	80.0	11.0	76.0	.881	.63	87.0	84.7	,,	0.2					
5 ,,	.714	.821	89.8	80.0	9.8	76.4	.893	.66	86.8	84.7	,,	0.3	None.	None.	None.	None.	None.
6 ,,	.716	.840	87.5	79.0	8.5	75.8	.876	.69	86.3	84.8	WNW	0.2					
7 ,,	.719	.818	85.3	79.0	6.3	76.7	.901	.76	85.7	84.9	W b N	0.2					
8 ,,	.732	.849	84.6	78.4	6.2	76.0	.883	.76	85.1	84.8	WNW	0.1					
9 ,,	.754	.880	83.9	78.0	5.9	75.7	.874	.77	84.5	84.6	NW b W	0.2					
10 ,,	.766	.925	83.3	77.0	6.3	74.5	.841	.76	84.0	84.6	WNW	0.2					
11 ,,	.764	.918	82.8	77.0	5.8	74.7	.846	.77	83.6	84.5	W b N	0.1					
May 28th-Midnight	.747	.899	82.6	77.0	5.6	74.8	.848	.78	83.5	84.5	W b N	0.2					
1 a. m.	.734	.881	82.2	77.0	5.2	75.0	.853	.80	83.0	84.4	,,	0.1					
2 ,,	.729	.872	81.8	77.0	4.8	75.1	.857	.81	82.5	84.4	W	0.1					
3 ,,	.727	.887	81.6	76.5	5.1	74.5	.840	.80	82.4	84.3	,,	0.1					
4 ,,	.727	.892	81.3	76.3	5.0	74.3	.835	.80	82.4	84.3	W b N	0.1					
5 ,,	.746	.916	80.7	76.0	4.7	74.1	.830	.81	82.0	84.1	,,	0.1					
6 ,,	.755	.898	81.8	77.0	4.8	75.1	.857	.81	82.2	84.1	,,	0.1					
7 ,,	.770	.959	85.6	76.9	8.7	73.4	.811	.68	84.0	84.1	W	0.2					
8 ,,	.785	.985	87.0	77.0	10.0	73.0	.800	.64	84.7	84.1	WNW	0.1					
9 ,,	.804	.995	88.0	77.5	10.5	73.3	.809	.63	85.2	84.2	,,	0.3	None.	None.	None.	None.	None.
10 ,,	.800	.982	89.0	78.0	11.0	73.6	.818	.62	86.0	84.3	W b N	0.3					
11 ,,	.780	.967	90.2	78.2	12.0	73.5	.813	.59	86.6	84.4	,,	0.2					
Noon.	.771	.929	90.6	79.0	11.6	74.6	.842	.61	87.0	84.6	NW b W	0.3					
1 p. m.	.748	.892	91.7	79.6	12.1	75.1	.856	.60	87.9	84.7	W b S	0.2					
2 ,,	.736	.866	92.0	80.0	12.0	75.6	.870	.60	88.0	84.8	W b N	0.1					
3 ,,	.719	.871	92.0	79.5	12.5	74.8	.848	.58	88.5	84.8	WNW	0.2					
4 ,,	.705	.852	91.6	79.5	12.1	75.0	.853	.60	88.4	84.9	,,	0.2					
5 ,,	.710	.842	90.2	79.5	10.7	75.5	.868	.63	87.5	85.0	W b N	0.2					
6 ,,	.714	.840	87.7	79.0	8.7	75.7	.874	.69	86.6	85.0	,,	0.2					
7 ,,	.725	.824	85.3	79.0	6.3	76.7	.901	.76	85.4	85.0	WNW	0.2					
8 ,,	.742	.838	85.0	79.0	6.0	76.8	.904	.77	85.0	85.0	W b N	0.3					
9 ,,	.754	.885	84.4	78.0	6.4	75.5	.869	.76	85.0	84.9	W	0.2					
10 ,,	.755	.882	84.0	78.0	6.0	75.7	.873	.77	84.9	84.9	W b S	0.1					
11 ,,	.756	.897	83.5	77.5	6.0	75.2	.859	.77	84.3	84.8	W b N	0.3					
May 29th-Midnight	.747	28.906	83.3	77.0	6.3	74.5	.841	.76	84.0	84.8	W b S	0.2					
1 a. m.	.725	.876	82.5	77.0	5.5	74.8	.849	.79	83.5	84.7	,,	0.3					
2 ,,	.724	.863	82.2	77.2	5.0	75.2	.861	.80	83.0	84.6	,,	0.4					
3 ,,	.721	.860	82.2	77.2	5.0	75.2	.861	.80	83.0	84.5	,,	0.3					
4 ,,	.729	.874	82.0	77.0	5.0	75.0	.855	.80	82.8	84.5	,,	0.0					
5 ,,	.735	.880	82.0	77.0	5.0	75.0	.855	.80	82.6	84.4	,,	0.2					
6 ,,	.758	.889	82.6	77.5	5.1	75.5	.869	.80	82.6	84.3	,,	0.1					
7 ,,	.777	.900	85.6	78.5	7.1	75.8	.877	.74	84.2	84.2	,,	0.2					
8 ,,	.793	.914	87.3	79.0	8.3	75.9	.879	.70	85.0	84.2	SW b W	0.1					
9 ,,	.803	.894	88.4	80.0	8.4	76.9	.909	.70	85.9	84.3	W b S	0.2					
10 ,,	.813	.962	89.8	79.0	10.8	74.9	.851	.63	86.6	84.4	,,	0.1					
11 ,,	.806	.968	91.0	79.0	12.0	74.4	.838	.59	87.1	84.6	SW b W	0.2	None.	None.	None.	None.	None.
Noon.	.786	.901	92.8	80.5	12.3	76.1	.885	.59	88.0	84.8	W b S	0.2					
1 p. m.	.772	.892	93.0	80.5	12.5	75.9	.880	.59	88.4	85.0	WSW	0.3					
2 ,,	.754	.862	93.9	81.0	12.9	76.4	.892	.54	89.5	85.2	SW b W	0.3					
3 ,,	.733	.874	93.0	80.0	13.0	75.2	.859	.57	89.5	85.4	SW	0.5					
4 ,,	.731	.861	92.0	80.0	12.0	75.6	.870	.60	89.0	85.5	SW b W	0.4					
5 ,,	.722	.866	91.7	79.6	12.1	75.1	.856	.60	88.2	85.6	,,	0.4					
6 ,,	.728	.848	88.3	79.3	9.0	75.9	.880	.68	87.4	85.7	,,	0.5					
7 ,,	.743	.861	87.0	79.0	8.0	76.0	.882	.71	87.0	85.7	SW	0.4					
8 ,,	.754	.877	85.6	78.5	7.1	75.8	.877	.74	86.3	85.6	SW b S	0.3					
9 ,,	.761	.892	84.4	78.0	6.4	75.5	.869	.76	85.1	85.6	,,	0.4					
10 ,,	.768	.899	84.4	78.0	6.4	75.5	.869	.76	85.0	85.5	,,	0.3					
11 ,,	.760	.887	84.0	78.0	6.0	75.7	.873	.77	84.7	85.4	WSW	0.3					

Amount of Clouds 0—3.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ≀⌒ cirro-strati; ⌒⌒ cumulo-strati; and ⌒≀ nimbi.	
2	B	A few ≀ in SE; ≀≀ scattered about; mist.	
2	B	" " "	
2	G	≀ in N; ≀≀ scattered about; mist.	
5	G	≀ and L ≀≀ scattered throughout; ≀≀ moving to E.	
5	G	" " "	
4	C	≀≀ scattered around hor.	
5	C	" "	
5	C	" "	
4	C	" "	
2	B	" "	
2	B	" "	
2	B	" "	
1	B	≀≀ around the hor.	Mean daily temperature of ground 20 and 60 inches below its surface 85°8 and 84°7.
3	G	≀≀ scattered all round the hor.	
5	G	≀ about the zenith; ≀≀ throughout moving ESE.	
6	C	L ≀≀ throughout moving ESE.	
4	C	" "	
2	B	L ≀≀ around hor.	
2	B	" "	
6	G	≀≀ in E hor.; ≀≀ throughout; thick mist from E to W hor. (by S).	
5	G	" " " "	
3	C	" " " "	
3	C	" " " "	
2	B	≀≀ around the hor.; mist.	
2	B	" "	
3	G	≀ in E; ≀≀ around the hor.; mist in W.	
3	G	" " "	
4	C	≀≀ scattered all round the hor.	
3	C	" "	
2	B	≀ in E hor.; ≀≀ scattered about.	
2	B	" "	
4	G	≀≀ and ≀≀ throughout.	
4	G	" "	
4	C	" "	
4	C	" "	
2	B	" "	
2	B	L ≀≀ around the hor.	Mean daily temperature of ground 20 and 60 inches below its surface 85°9 and 84°8. Temperature of free air at 2 P. M. was highest during the month and about 3°8 higher than the normal mean; at the same hour temperature of evaporation was also highest in the month. 29th May was the 20th day from the beginning of the year on which lightning was observed.
2	G	" "	
5	G	≀≀ throughout moving E.	
5	G	" "	
5	G	" "	
5	C	" "	
5	C	≀≀ and ≀≀ scattered throughout; the latter moving to E.	
5	C	" " "	
5	C	" " "	
6	G	" " "	
7	G	" " "	
7	G	⌒≀ in E hor.; ≀≀ and ≀≀ scattered throughout; ≀≀ moving E.	
7	G	" " "	
7	B	⌒≀ in N and NE hor.; ≀≀ and L ≀≀ throughout both moving E.	
7	B	⌒≀ and ⌒≀ in N and NE hor.; ≀≀ in W above hor.; and ≀≀ throughout; mist in E.	
7	B	" " " "	
7	B	≀≀ scattered throughout moving NW; mist in hor.	
7	G	⌒≀ in N extending towards the zenith; ≀≀ and ≀≀ scattered throughout both moving NW.	
6	G	" " "	
7	G	⌒≀ in N and NE; ≀≀ and ≀≀ throughout; lightning in NE at intervals of 2m.	
5	G	" " "	
4	G	≀≀ and ≀≀ scattered throughout; ≀≀ moving to NE; lightning in NE and E hor.	
4	G	" " " "	
4	G	" " " "	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
May 31st-Midnight	29.760	28.887	84°0	78°0	6°0	75°7	0.873	0·77	84°8	85.2	WSW	0.3					
1 a. m.	.743	.844	83·6	78.5	5.1	76.6	.899	.80	84.5	85.1	„	0.2					
2 „	.728	.832	83.4	78.4	5.0	76.5	.896	.80	84.0	85.1	W b S	0.1					
3 „	.725	.841	83.0	78.0	5.0	76.1	.884	.80	83.6	85.0	„	0.3					
4 „	.734	.850	83.0	78.0	5.0	76.1	.884	.80	83.5	85.0	„	0.2					
5 „	.746	.876	82.5	77.5	5.0	75.6	.870	.80	83.4	84.9	„	0.1					
6 „	.766	.886	83.4	78·0	5.4	75.9	.880	.79	84.0	84.8	W	0.2					
7 „	.777	.886	86.2	79.0	7.2	76.3	.891	.73	85.0	84.8	WSW	0.2					
8 „	.780	.905	88.4	79.2	9.2	75.8	.875	.67	86.2	84.9	W b N	0.3					
9 „	.778	.925	89.6	79.0	10.6	75.0	.858	.63	86.8	85.0	„	0.1					
10 „	.773	.942	91.6	79.0	12.6	74.1	.831	.58	87.5	85.2	WSW	0.3					
11 „	.749	.877	91.8	80.0	11.8	75.6	.872	.60	88.0	85.4	„	0.4					
Noon.	.744	.864	93.0	80.5	12.5	75.9	.880	.59	88.6	85.5	SW	0.3					
1 p. m.	.735	.857	93.2	80.5	12.7	75.9	.878	.58	89.0	85.6	W b S	0.4					
2 „	.721	.849	93.4	80.4	13.0	75.6	.872	.57	89.2	85.7	NW b W	0.5					
3 „	.706	.847	93.0	80.0	13.0	75.2	.859	.57	89.0	85.8	W	0.4					
4 „	.691	.830	92·8	80.0	12.8	75.2	.861	.58	89.0	85.8	W b S	0.2					
5 „	.695	.817	91.3	80.0	11.3	75.9	.878	.62	88.6	85.9	SW b W	0.2					
6 „	.704	.817	88.5	79.5	9.0	76.2	.887	.68	88.0	86.0	WSW	0.2					
7 „	.715	.825	86.3	79.0	7.3	76.3	.890	.73	86.5	86.1	„	0.2					
8 „	.720	.824	85.7	79.0	6.7	76.5	.896	.75	85.2	85.9	SW b W	0.2					
9 „	.737	.862	85.3	78.4	6.9	75.8	.875	.75	85.7	85.8	„	0.4					
10 „	.758	.896	85.0	78.0	7.0	75.3	.862	.74	85.4	85.7	„	0.6					
11 „	.743	.877	84.6	78.0	6.6	75.4	.866	.75	85.1	85.6	„	0.6					
June 1st-Midnight	.717	.850	84.5	78.9	6.5	75.5	.867	.75	85.1	85.6	SW b S	0.5					
1 a. m.	.692	.821	84.2	78.9	6.2	75.6	.871	.75	84.5	85.5	„	0.4					
2 „	.684	.811	84.0	78.0	6.0	75.7	.873	.77	84.1	85.4	SW	0.3					
3 „	.676	.802	83.9	78.0	5.9	75.7	.874	.77	84.0	85.4	SW b S	0.2					
4 „	.681	.785	83.4	78.4	5.0	76.5	.896	.80	83.8	85.3	SW b W	0.3	0.01				
5 „	.688	.783	83.0	78.5	4.5	76.8	.905	.82	83.5	85.2	SW	0.2					
6 „	.708	.790	81.9	78.5	3.4	77.3	.918	.86	83.0	85.0	SW b S	0.1	0.07				
7 „	.721	.809	84.1	79.1	5.0	77.0	.912	.81	83.8	84.9	WSW	0.2					
8 „	.735	.800	86.0	80.0	6.0	77.8	.935	.77	84.7	85.0	W b S	0.2					
9 „	.753	.853	89.2	80.0	9.2	76.6	.900	.67	86.5	85.1	WSW	0.3					
10 „	.749	.839	90.2	80.5	9.7	77.0	.910	.66	87.4	85.2	„	0.2					
11 „	.722	.815	91.0	80.6	10.4	76.9	.907	.64	88.0	85.3	SW	0.2					
Noon.	.714	.807	92.4	81.0	11.4	76.9	.907	.62	88.9	85.5	SW b W	0.3					
1 p. m.	.689	.785	92.8	81.0	12.8	76.8	.904	.61	89.0	85.7	WSW	0.5					
2 „	.665	.762	93.7	81.2	12.5	76.7	.903	.58	89.5	85.9	„	0.6					
3 „	.655	.767	93.4	81.0	12.4	76.2	.888	.59	89.5	86.0	„	0.5					
4 „	.637	.730	92.5	81.0	11.5	76.9	.907	.62	89.3	86.1	„	0.4					
5 „	.635	.718	91.3	80.9	10.4	77.2	.917	.64	88.9	86.2	SW b W	0.5					
6 „	.641	.730	88.2	80.0	8.2	77.0	.911	.70	87.2	86.2	WSW	0.3					
7 „	.659	.728	86.4	80.0	6.4	77.7	.931	.76	86.9	86.1	„	0.4					
8 „	.680	.729	85.7	79.5	6.2	78.4	.951	.77	86.0	85.9	„	0.3					
9 „	.698	.788	85.2	79.2	6.0	77.0	.910	.77	85.8	85.9	SW b W	0.3					
10 „	.696	.792	85.0	79.0	6.0	76.8	.904	.77	85.5	85.8	„	0.1					
11 „	.693	.786	84.7	79.0	5.7	76.9	.907	.78	85.3	85.7	SW	0.3					
June 2nd-Midnight	.679	.768	84.4	79.0	5.4	77.0	.911	.79	85.1	85.7	SW	0.2					
1 a. m.	.671	.757	84.1	79.0	5.1	77.1	.914	.80	85.0	85.7	SW b S	0.3					
2 „	.660	.745	84.0	79.0	5.0	77.2	.915	.81	84.7	85.6	WSW	0.3					
3 „	.659	.759	83.5	78.5	5.0	76.6	.900	.81	84.5	85.6	SW b W	0.3					
4 „	.653	.772	83.3	78.0	5.3	76.0	.881	.79	84.2	85.5	SW	0.4					
5 „	.640	.756	83.0	78.0	5.0	76.1	.884	.80	83.6	85.4	„	0.3					
6 „	.668	.772	83.4	77.4	6.0	76.5	.896	.80	83.8	85.3	„	0.2					
7 „	.671	.753	84.5	79.2	5.3	77.3	.918	.80	84.0	85.1	SW b W	0.2	None.				
8 „	.681	.768	88.0	80.0	8.0	77.1	.913	.71	85.8	85.3	„	0.3					
9 „	.700	.808	90.0	80.0	10.0	76.4	.892	.65	87.0	85.4	„	0.2					
10 „	.694	.783	91.0	80.7	10.3	77.0	.911	.65	88.2	85.6	SW	0.3					
11 „	.674	.770	90.5	80.4	10.1	76.8	.904	.65	88.2	85.7	WSW	0.2					

None. None. None. None.

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: cirri; cirro-cumuli; cumuli; cirro-strati; cumulo-strati; and nimbi.	
1	B	scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 86°0 and 84°9. Lowest reading of barometer during the month was 29·691 in. at 4 P. M., which was greater than the normal mean by 0·040 in. 31st May was the 2nd day on which fall of rain less than 0·01 in. was recorded.
1	G	" "	
3	G	" "	
3	G	" "	
5	G	and scattered throughout; drops of rain at 4h. 51m.	
7	C	Densely clouded with moving ESE.	
7	C	" " "	
5	C	in NW; throughout moving ESE.	
5	C	" " "	
2	B	L all round the hor.; mist in E and S hor.	
2	B	in E; around the hor.; mist.	
2	B	" "	
2	B	" "	
5	G	in NW; scattered throughout; mist.	
5	G	in E; in NW and throughout moving E.	
5	G	" " "	
5	G	" " "	
5	C	" " "	
5	C	" " "	
5	C	L all round the hor.	
3	C	" "	
2	B	" "	
2	B	" "	
2	B	" "	
3	B	scattered around moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 86°4 and 85°0. Daily fall of rain by Osler's Gauge 0·07 in. 1st June was the 21st day on which lightning was observed; and the 3rd day on which fall of rain was recorded less than 0·01 in.
3	G	" "	
5	G	and scattered throughout; drops of rain at 2h. 54m.	
6	G	scattered throughout, moving E; a shower of rain at 3h. 18m. lasted about 9m.	
6	G	scattered throughout moving ESE.	
6	G	scattered throughout; light rain at 5h. 24m. and again at 5h. 47m. which lasted about 12m.	
7	G	Overcast with moving E.	
6	G	scattered throughout; here and there.	
6	G	" " "	
5	C	scattered throughout moving E.	
5	C	in NE and E hor.; throughout moving E.	
5	C	" " "	
5	C	" " "	
3	B	extending from NE to SE hor.; scattered about; mist in E hor.	
4	B	" " "	
4	B	" " "	
3	B	from N to NE hor.; and in E above hor.; here and there.	
4	G	" " " "	
4	G	from NE to E hor.; in E and SE; and scattered about moving NE; lightning in NE observed at 0h. 50m.	
5	G	from NE to E hor.; in E and SE; and scattered about moving NE; lightning in NE at intervals of about 8m.	
4	G	scattered throughout moving ENE; lightning in E at every 4m.	
4	C	" " "	
3	C	scattered throughout; lightning at longer intervals than the last observation.	
3	C	scattered about; no lightning; a few drops of rain at 11h. 40m.	
5	C	scattered throughout moving ENE.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°0. Maximum length of the spark by Ronald's measure. Temperature of external and free air at 2 P. M. was 94°0, greatest in the month and about 5°1 greater than the normal mean. 2nd June was the 22nd day on which lightning was observed; and the 4th day on which fall of rain was less than 0·01 in.
3	B	scattered throughout moving ENE; drops of rain at 1h. 2m.	
4	B	scattered throughout moving ENE; drops of rain at full hour.	
2	B	scattered around hor.	
2	B	" "	
5	G	around hor.; and throughout moving ENE.	
7	G	scattered throughout moving E; drops of rain at 6h. 39m. and 6h. 43m.	
6	G	throughout; and here and there; haze in E hor.	
4	G	" " "	
5	C	" " "	
6	C	and from NE to E hor.; throughout moving ENE; drops of rain at 10h. 54m.	
7	C	in E hor.; and scattered throughout moving ENE.	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet-Bulb Thermometer.	Depression of Wet-Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straw of Volta 1.	Readings of Straw of Volta 2.	Interval of Time in recovering the same degree of tension after the charge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 2nd-Noon.	29.666	28.754	92°1	81°0	11°1	77°0	0.912	0.63	89°0	85°9	W	0.1					
1 p. m.	.657	.761	93.5	81.0	12.5	76.5	.896	.59	89.5	86.0	WSW	0.4					
2 ,,	.635	.735	94.0	81.2	12.8	76.6	.900	.58	90.0	86.1	,,	0.2					
3 ,,	.618	.725	93.8	81.0	12.8	75.7	.893	.58	90.0	86.2	,,	0.3					
4 ,,	.608	.706	93.0	81.0	12.0	76.7	.902	.60	89.7	86.4	W	0.4					
5 ,,	.599	.690	90.8	80.6	10.2	76.9	.909	.65	88.1	86.5	WNW	0.3	None.	None.	None.	None.	None.
6 ,,	.609	.686	88.3	80.3	8.0	77.4	.923	.71	87.2	86.5	,,	0.2					
7 ,,	.628	.738	86.3	79.0	7.3	76.3	.890	.73	86.1	86.4	W	0.1					
8 ,,	.643	.750	86.0	79.0	7.0	76.4	.893	.74	86.0	86.2	W b N	0.2					
9 ,,	.659	.757	85.2	79.0	6.2	76.7	.902	.76	86.0	86.1	W	0.2					
10 ,,	.661	.757	85.0	79.0	6.0	76.8	.904	.77	85.8	86.0	WSW	0.1					
11 ,,	.655	.767	84.6	78.5	6.1	76.2	.888	.77	85.5	86.0	,,	0.2					
June 3rd-Midnight	.628	.743	84.0	78.3	5.7	76.1	.885	.78	85.2	86.0	WSW	0.1					
1 a. m.	.619	.742	83.6	78.0	5.6	75.8	.877	.78	84.6	85.8	,,	0.2					
2 ,,	.603	.726	83.6	78.0	5.6	75.8	.877	.78	84.6	85.7	,,	0.1					
3 ,,	.600	.719	83.3	78.0	5.3	76.0	.881	.79	84.3	85.6	,,	0.1					
4 ,,	.602	.718	83.0	78.0	5.0	76.1	.884	.80	84.1	85.5	W b S	0.0					
5 ,,	.610	.736	82.8	77.7	5.1	75.7	.874	.80	83.6	85.4	,,	0.1					
6 ,,	.616	.736	86.0	78.0	8.0	75.9	.880	.79	83.7	85.4	,,	0.2					
7 ,,	.630	.737	86.0	79.0	7.0	76.4	.893	.74	84.8	85.3	W	0.2					
8 ,,	.644	.723	86.9	79.9	7.0	77.4	.921	.74	85.0	85.4	WNW	0.2					
9 ,,	.659	.774	88.7	79.5	9.2	76.1	.885	.67	86.8	85.4	NW	0.2					
10 ,,	.662	.813	90.0	79.0	11.0	74.8	.849	.62	87.2	85.5	WNW	0.2	None.	None.	None.	None.	None.
11 ,,	.648	.769	91.2	80.0	11.2	75.9	.879	.62	88.1	85.7	,,	0.2					
Noon.	.638	.757	91.7	80.2	11.5	76.0	.881	.61	88.6	85.8	NW	0.3					
1 p. m.	.615	.745	92.0	80.0	12.0	75.6	.870	.60	89.0	85.8	WNW	0.5					
2 ,,	.579	.772	91.8	80.0	11.8	75.6	.872	.60	88.6	85.9	,,	0.5					
3 ,,	.555	.672	91.6	80.2	11.4	76.0	.883	.62	88.6	86.0	,,	0.5					
4 ,,	.537	.656	91.0	80.0	11.0	76.0	.881	.63	88.5	86.0	,,	0.5					
5 ,,	.540	.672	90.2	80.0	10.2	75.5	.868	.65	88.0	86.0	,,	0.3					
6 ,,	.552	.677	87.6	79.0	8.6	75.8	.875	.69	86.7	86.0	,,	0.2					
7 ,,	.563	.670	86.0	79.0	7.0	76.4	.893	.74	86.0	85.9	W	0.3					
8 ,,	.572	.668	85.7	79.2	6.5	76.8	.904	.76	85.7	85.8	W b S	0.2					
9 ,,	.590	.686	85.0	79.0	6.0	76.8	.904	.77	85.6	85.8	W	0.3					
10 ,,	.596	.692	85.0	79.0	6.0	76.8	.904	.77	85.4	85.8	W b S	0.4					
11 ,,	.595	.686	84.5	79.0	5.5	76.9	.909	.79	85.2	85.7	W b N	0.1					
June 4th-Midnight	.593	.699	84.0	78.5	5.5	76.4	.894	.79	85.0	85.7	W b N	0.2					
1 a. m.	.583	.706	83.6	78.0	5.6	75.8	.877	.78	84.6	85.6	W	0.0					
2 ,,	.570	.692	83.5	78.0	5.5	75.9	.878	.79	84.5	85.5	W b N	0.0					
3 ,,	.562	.681	83.3	78.0	5.3	76.0	.881	.79	84.2	85.3	WNW	0.2					
4 ,,	.563	.679	83.0	78.0	5.0	76.1	.884	.80	84.0	85.2	,,	0.2					
5 ,,	.564	.695	82.6	77.5	5.1	75.5	.869	.80	83.3	85.2	,,	0.1					
6 ,,	.590	.707	83.1	78.0	5.1	76.0	.883	.80	83.5	85.2	NW b W	0.2					
7 ,,	.603	.688	84.0	79.0	5.0	77.2	.915	.81	84.0	85.2	NW	0.3					
8 ,,	.618	.728	86.3	79.0	7.3	76.3	.890	.73	84.9	85.2	,,	0.2					
9 ,,	.627	.741	88.6	79.5	9.1	76.1	.886	.68	86.0	85.4	,,	0.4					
10 ,,	.623	.734	90.3	80.0	10.3	76.3	.889	.64	87.5	85.5	,,	0.4					
11 ,,	.615	.732	90.8	80.0	10.8	76.0	.883	.63	88.0	85.6	,,	0.6					
Noon.	.604	.728	91.8	80.2	11.6	75.9	.880	.61	88.5	85.8	,,	0.8	None.	None.	None.	None.	None.
1 p. m.	.585	.687	91.8	80.6	11.2	76.6	.898	.62	88.8	85.9	,,	1.0					
2 ,,	.561	.670	91.3	80.3	11.0	76.3	.891	.63	88.8	85.9	,,	1.3					
3 ,,	.534	.640	91.0	80.3	10.7	76.4	.894	.63	88.9	86.0	,,	1.5					
4 ,,	.528	.634	90.2	80.1	10.1	76.4	.894	.65	88.3	86.0	,,	1.9					
5 ,,	.551	.631	87.4	80.0	7.4	77.3	.920	.73	87.0	86.0	NW b W	1.3					
6 ,,	.570	.650	85.5	79.5	6.0	77.3	.920	.77	86.0	86.0	,,	0.8					
7 ,,	.586	.689	84.6	79.0	5.6	76.5	.897	.79	85.2	86.0	NW	0.6					
8 ,,	.600	.733	84.5	78.0	6.5	75.5	.867	.75	85.0	86.0	,,	0.5					
9 ,,	.597	.719	84.3	78.2	6.1	75.9	.878	.77	84.7	85.9	NW b W	0.5					
10 ,,	.597	.719	84.3	78.2	6.1	75.9	.878	.77	84.7	85.8	,,	0.6					
11 ,,	.593	.722	84.2	78.0	6.2	75.6	.871	.76	84.7	85.7	,,	0.7					

Amount of Clouds. 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ∿ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩ cumulo-strati; and ∿ nimbi.	
5	C	∩ in E hor.; and ∿ scattered throughout moving ENE.	
5	B	" " "	
2	B	∿ scattered around hor.; ∩ in E.	
3	B	" "	
2	B	" "	
2	G	" "	
2	G	" "	
2	G	∿ scattered about moving ENE; lightning in E hor.	
2	G	" " "	
2	C	∿ scattered all round the hor.; lightning in E every minute.	
2	C	" " "	
2	C	" " "	
2	C	∿ scattered about moving ENE; lightning in NE at longer intervals than the last observation.	
3	B	∿ all round the hor., moving E; no lightning.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°0.
3	B	" " "	
3	B	" " "	
3	B	" " "	3rd June was the 23rd day on which lightning was observed.
6	G	∿ in S above hor.; and ∿ throughout moving E.	
6	G	L ∿ scattered throughout moving E; mist in hor.	
6	G	" " "	
7	G	Overcast with ∿ moving E; mist in hor.	
7	C	" " "	
7	C	∿ all round hor.; and ≀ throughout moving slowly to N; haze in E and W hor.	
6	C	" " " "	
5	C	" " " "	
3	B	∿ around hor.; and ≀ here and there.	
1	B	∩ in NE and E; ≀ in S, and a few ∿ in W hor.	
1	B	∩ in NE hor.; and ≀ in N and E above the hor.	
4	B	∩ in NE and E hor.; D ≀ scattered in the eastern half of the sky.	
6	G	D ≀ scattered throughout moving slowly to E; ∿ in W hor.; haze in E.	
7	G	Overcast with L ∿ moving E; haze.	
7	G	Overcast with L ∿ moving E; lightning in NE at every minute.	
8	G	Overcast; lightning in NE hor.; at intervals of 40s.	
8	C	" " "	
7	C	" " "	
6	C	∿ scattered throughout moving E; lightning in NE at every 3m.	
7	C	Overcast with ∿ moving E; lightning in NE.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°0.
4	B	∿ scattered about moving E.	
3	B	" "	
3	B	" "	
3	B	" "	4th June was the 24th day on which lightning was observed.
6	G	" "	
7	G	Overcast with ∿ and ∿ moving E.	
7	G	" "	
7	G	" "	
4	B	∿ scattered around; haze in E, S and W hor.	
4	B	" " "	
6	B	∿ from N to S (by E) along the hor.; ≀ and ∿ throughout.	
6	B	" " "	
6	C	∿ in E and SE; ≀ and ∿ scattered throughout, haze in E hor.	
6	C	∿ in E; ≀ scattered throughout moving E; haze in E and SE hor.	
6	C	" " " "	
7	C	" " " "	
8	B	Overcast with ∿ moving E.	
8	B	" "	
8	B	" "	
8	B	" "	
8	B	" "	
8	B	" "	
8	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volts 1.	Electrical Instruments. Readings of Straws of Volts 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 6th-Midnight	29.608	28.697	84°4	79°0	5°4	77°0	0.911	0.79	85°0	85°6	WSW	0.2					
1 a. m.	.590	.675	84.0	79.0	5.0	77.2	.915	.81	84.6	85.5	,,	0.3					
2 ,,	.584	.669	84.0	79.0	5.0	77.2	.915	.81	84.6	85.4	,,	0.2					
3 ,,	.581	.674	84.0	78.8	5.2	76.9	.907	.80	84.6	85.4	,,	0.4					
4 ,,	.578	.682	83.9	78.5	5.4	76.5	.896	.79	84.5	85.4	W	0.5					
5 ,,	.574	.674	83.5	78.5	5.0	76.6	.900	.81	84.2	85.4	,,	0.3					
6 ,,	.592	.711	83.3	78.0	5.3	76.0	.881	.79	83.7	85.3	NW	0.2					
7 ,,	.608	.704	85.0	79.0	6.0	76.8	.904	.77	84.0	85.2	NW b N	0.1					
8 ,,	.624	.729	85.8	79.0	6.8	76.5	.895	.75	84.8	85.1	,,	0.2					
9 ,,	.640	.720	87.4	80.0	7.4	77.3	.920	.73	85.9	85.2	,,	0.2					
10 ,,	.641	.718	89.0	80.5	8.5	77.4	.923	.70	87.0	85.3	,,	0.1					
11 ,,	.627	.708	89.8	80.6	9.2	77.3	.919	.68	87.5	85.4	,,	0.2	None.	None.	None.	None.	None.
Noon.	.615	.700	90.1	80.6	9.5	77.2	.915	.67	88.0	85.5	,,	0.2					
1 p. m.	.594	.700	91.0	80.3	10.7	76.4	.894	.63	88.1	85.6	NW	0.4					
2 ,,	.570	.664	92.6	81.0	11.6	76.8	.906	.61	89.0	85.8	W b N	0.5					
3 ,,	.544	.626	91.5	81.0	10.5	77.3	.918	.64	89.0	86.0	WNW	0.5					
4 ,,	.523	.601	91.2	81.0	10.2	77.4	.922	.65	88.6	86.0	,,	0.7					
5 ,,	.533	.607	88.8	80.5	8.3	77.5	.926	.70	86.2	86.0	NW b W	0.6					
6 ,,	.543	.622	86.9	79.9	7.0	77.4	.921	.74	86.0	85.9	,,	0.4					
7 ,,	.561	.665	85.7	79.0	6.7	76.5	.896	.75	85.8	85.9	WNW	0.3					
8 ,,	.575	.675	85.4	79.0	6.4	76.6	.900	.76	85.5	85.8	W b S	0.2					
9 ,,	.585	.683	85.2	79.0	6.2	76.7	.902	.76	85.3	85.8	,,	0.2					
10 ,,	.613	.710	85.1	79.0	6.1	76.7	.903	.77	85.3	85.7	,,	0.2					
11 ,,	.611	.686	85.0	79.5	5.5	77.5	.925	.79	85.3	85.7	SW b S	0.2					
June 7th-Midnight	.595	.666	84.7	79.5	5.2	77.6	.929	.80	85.2	85.6	W b S	0.3					
1 a. m.	.590	.675	84.0	79.0	5.0	77.2	.915	.81	84.9	85.6	SW b W	0.7					
2 ,,	.586	.669	83.8	79.0	4.8	77.2	.917	.81	84.7	85.5	W b S	0.5					
3 ,,	.581	.664	83.8	79.0	4.8	77.2	.917	.81	84.6	85.5	,,	0.6					
4 ,,	.588	.718	82.5	77.5	5.0	75.6	.870	.80	83.6	85.4	WNW	0.7	0.04	−	Out of Sc.	50	Instantly.
5 ,,	.574	.710	81.2	77.0	4.2	75.4	.864	.83	83.0	85.3	SW b S	0.5	0.01	−	Out of Sc.	Out of Sc.	Instantly.
6 ,,	.610	.758	81.9	76.9	5.0	74.9	.852	.80	82.7	85.1	WNW	0.2	0.10	−	20	20	0.17
7 ,,	.638	.785	82.2	77.0	5.2	75.0	.853	.80	83.0	85.0	NNE	0.2					
8 ,,	.649	.727	82.2	78.7	3.5	77.4	.922	.86	83.0	85.0	S b E	0.1					
9 ,,	.663	.716	84.8	80.1	4.7	78.4	.952	.82	84.5	85.1	S	0.2					
10 ,,	.669	.730	85.6	80.0	5.6	78.0	.939	.79	85.0	85.2	S b E	0.2					
11 ,,	.657	.711	87.7	80.7	7.0	78.2	.946	.74	85.8	85.3	S	0.3					
Noon.	.639	.698	89.4	81.0	8.4	78.0	.941	.70	87.0	85.4	SW b W	0.3					
1 p. m.	.625	.697	90.5	81.0	9.5	77.6	.928	.67	87.5	85.5	,,	0.4					
2 ,,	.594	.684	91.5	80.8	10.7	77.0	.910	.64	88.2	85.6	W	0.3					
3 ,,	.554	.639	91.8	81.0	10.8	77.2	.915	.64	88.5	85.7	,,	1.2					
4 ,,	.564	.640	91.0	81.0	10.0	77.5	.924	.66	88.4	85.8	,,	0.6					
5 ,,	.549	.632	89.6	80.5	9.1	77.2	.917	.68	87.1	85.8	W b N	0.5					
6 ,,	.576	.692	86.8	79.0	7.8	76.1	.884	.71	86.2	85.7	WNW	0.4					
7 ,,	.586	.692	85.9	79.0	6.9	76.4	.894	.74	85.7	85.7	W b S	0.4		−	Out of Sc.	Out of Sc.	Instantly.
8 ,,	.611	.707	85.0	79.0	6.0	76.8	.904	.77	85.2	85.7	SSW	0.5					
9 ,,	.619	.699	84.7	79.3	5.4	77.3	.920	.79	85.2	85.6	SW b S	0.4					
10 ,,	.632	.748	83.0	78.0	5.0	76.1	.884	.80	84.6	85.5	S b E	0.7					
11 ,,	.647	.763	83.0	78.0	5.0	76.1	.884	.80	84.3	85.5	SE b S	1.0					
June 8th-Midnight	.626	.764	81.4	77.0	4.4	75.3	.862	.82	83.3	85.4	SSE	0.8	0.02	+	4		
1 a. m.	.627	.754	80.4	77.0	3.4	75.7	.873	.86	82.1	85.2	,,	0.5		+	1		
2 ,,	.615	.744	80.5	77.0	3.5	75.6	.871	.86	82.1	85.1	S b E	0.2					
3 ,,	.614	.737	80.7	77.2	3.5	75.8	.877	.86	82.2	85.0	S b W	0.0					
4 ,,	.607	.737	80.6	77.0	3.6	75.6	.870	.85	82.1	84.9	SSW	0.0					
5 ,,	.593	.725	80.8	77.0	3.8	75.5	.868	.85	82.0	84.8	,,	0.2					
6 ,,	.621	.736	81.4	77.6	3.8	76.1	.885	.85	82.2	84.7	,,	0.1					
7 ,,	.624	.732	82.3	78.0	4.3	76.4	.892	.83	82.5	84.6	SSE	0.2					
8 ,,	.631	.691	83.5	79.7	3.8	78.3	.950	.85	83.1	84.6	,,	0.1		+	4		2.20
9 ,,	.640	.662	86.0	81.0	5.0	79.3	.978	.81	84.8	84.8	SE b S	0.1		+	6		1.52
10 ,,	.644	.661	87.6	81.5	6.1	79.4	.983	.78	85.7	84.9	,,	0.2		+	8		0.50
11 ,,	.643	.670	89.2	81.7	7.5	79.1	.973	.73	86.6	85.1	W b S	0.2		+	20	20	0.2

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌒ cirro-strati; ∩⌒ cumulo-strati; and ≀≀ nimbi.	
8	C	Overcast with ≀≀ moving ESE; a few stars dimly vizible here and there.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°0.
6	B	≀≀ scattered throughout moving E.	
8	B	Overcast with ≀≀ moving E.	
8	B	" "	
8	B	" "	
8	G	" "	
7	G	≀≀ and ≀≀ scattered throughout; drops of rain at 6h. 36m.	6th June was the 25th day on which lightning was observed, and 6th day on which fall of rain was measured less than 0·01 in.
8	G	Overcast; drops of rain now and then.	
8	G	Overcast with ≀≀ moving E; haze in E and S hor.	
8	C	" " "	
8	C	" " "	
8	C	" " "	
8	C	" " "	
8	B	" " "	
6	B	≀≀ and ≀≀ scattered throughout, the latter moving E.	
6	B	≀≀ around hor.; ≀≀ throughout moving W; and a few ≀ here and there; haze.	
5	B	" " " "	
7	G	" " " "	
7	G	" " " "	
7	G	Overcast with ≀≀ moving E; lightning in E at intervals of about 10s.	
8	G	Overcast; lightning in E at every 2s.	
8	C	Overcast with ≀≀ moving E; lightning at every 40s. drops of rain from 9h. 45m.	
8	C	Overcast; lightning in E; drops of rain ceased at 10h. 18m.	
8	C	Overcast with ≀≀ moving E; lightning in NE and E; drops of rain at 11h. 18m.	
8	C	Overcast with ≀≀ moving E; lightning in SE and S hor.; slight rain from 0h. 32m. to 0h. 58m.	Mean daily temperature of ground 20 and 60 inches below its surface 86°6 and 85°0. Daily fall of rain by Osler's Gauge 0·13 in. Maximum tension of electricity by Henley's Apparatus 6; maximum length of the spark by Ronald's Measure 0·08 in.
8	C	Overcast with ≀≀ moving NE; lightning in SE.	
8	B	Overcast with ≀≀ moving NE; lightning in SE; drops of rain at 2h. 55m.	
8	B	Overcast; lightning and thunder in SW at about every minute; drops of rain falling from 3h. 52m.	
8	B	Overcast; lightning and thunder in SW at every minute; drops of rain ceased at 4h. 26m.; light shower of rain at 4h. 32m. lasted 7m.	
8	G	Overcast; lightning and thunder in SE and E; drops of rain at 5h. 7m.; a shower of rain from 5h. 9m. to 5h. 16m.	
8	G	Overcast; drops of rain at 6h. 26m.	
8	G	Overcast with ≀≀ moving to NNE; slight rain at 7h. 8m.	
8	G	Overcast with ≀≀ moving NNE.	
8	C	" "	
8	C	" "	
8	C	Overcast with ≀≀ and ≀≀ moving to NE.	
5	C	≀, ≀≀ and ≀≀ scattered throughout.	7th June was the 26th day on which lightning was observed, 1st day on which thunder was recorded, and also 1st day on which fall of rain was greater than 0·01 in.
2	B	≀ in E and W above the hor.; ≀≀ along the E hor.	
1	B	≀ in W; ⌒ in E; and ≀≀ around hor.	
2	B	∩ and ⌒ extended from N to SE hor.; distant thunder in NE at 3h. 20m.	
3	B	∩ and ⌒ extended from N to SE hor.; distant thunder in NE occasionlly.	
6	G	≀ and ≀≀ in SW; ∩ in E ⌒ in NE and W; ≀≀ scattered throughout moving E; thunder in NE.	
8	G	∩ in E; ∩⌒ in SE and S; ≀≀ throughout moving E; lightning in E hor. observed at 6h. 42m.	
8	G	Overcast with ≀≀ in two strata, the lower stratum moving E and the upper one moving W; lightning in E at interval of 2·5s.	
8	G	Overcast as above; lightning in E and SE successively.	
8	C	Overcast; lightning in NE, E, SE and S hor.	
8	C	" " " [11h. 36m.	
8	C	Overcast with ≀≀ moving to N; lightning in E and SE; fresh breezes of wind from SE; thunder in NE; and drops of rain from	
8	C	Overcast; lightning in E, SE and S hor.; occasional thunder in NE and E; rain ceased at 0h. 11m.; and fresh breezes.	Mean daily temperature of ground 20 and 60 inches below its surface 86°6 and 85°1. Daily fall of rain by Osler's Gauge 0·02 in.
8	B	Overcast; lightning in SE at intervals of above 1m. 10s.	8th June was the 27th day on which lightning was observed, and 2nd day on which thunder was heard.
7	B	≀, ≀≀ and ≀≀ scattered throughout; lightning in S hor.	
8	B	Overcast with D ≀ and ≀≀; a few stars dimly visible here and there.	
8	B	Overcast with ≀, ≀≀ and ≀≀; ≀≀ moving slowly to W; a few stars dimly visible.	
8	G	" " " "	
8	G	⌒ in N and NW; ∩ in NE; ≀≀ and ≀≀ throughout moving to W.	
8	G	" " " "	
8	G	" " " "	
6	C	⌒ in E; ≀≀ and ≀≀ scattered throughout; haze in E and W hor.	
6	C	≀≀ scattered around hor., except in W hor; ≀≀ & ≀ throughout; ≀ moving NE; haze in hor.	
5	C	" " " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or —	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 8th—Noon.	29.633	28.731	90°3	80°3	10°0	76°7	0.902	0.65	87°0	85°2	WNW	0.2		+	2		Above 10m.
1 p. m.	.616	.692	91.0	81.0	10.0	77.5	.924	.66	87.8	85.3	W b S	0.5		+	1		Above 10m.
2 „	.588	.635	92.4	82.0	10.4	78.4	.953	.65	88.4	85.4	W	0.4		+	1		Above 10m.
3 „	.563	.633	92.5	81.5	11.0	77.7	.930	.63	88.8	85.6	„	0.5					
4 „	.552	.595	92.0	82.0	10.0	78.6	.957	.65	88.8	85.8	NW b W	0.4	None.	+	2	None.	2.35
5 „	.538	.565	89.2	81.7	7.5	79.1	.973	.73	87.3	85.8	„	0.5					
6 „	.562	.604	87.8	81.0	6.8	78.6	.958	.75	86.7	85.7	NW b N	0.3					
7 „	.566	.604	86.2	80.7	5.5	78.7	.962	.79	86.0	85.7	NW	0.2					
8 „	.593	.658	86.0	80.0	6.0	77.8	.935	.77	85.9	85.7	NNW	0.1					
9 „	.610	.777	84.0	77.0	7.0	74.2	.833	.73	85.2	85.6	N b E	0.2					
10 „	.606	.740	84.6	78.0	6.6	75.9	.866	.75	85.0	85.6	NW b N	0.1		+	4		2.11
11 „	.584	.714	84.3	78.0	6.3	75.6	.870	.76	84.9	85.6	„	0.1		+	2		4.50
June 9th—Midnight	.581	.677	85.0	79.0	6.0	76.8	.904	.77	84.9	85.6	W b S	0.1		+	6		1.40
1 a. m.	.581	.675	84.8	79.0	5.8	76.8	.906	.78	84.9	85.4	SSW	0.0		+	1		Above 10m.
2 „	.565	.674	84.3	78.5	5.8	76.3	.891	.78	84.8	85.4	NW b W	0.4		+	1		Above 10m.
3 „	.566	.651	84.0	79.0	5.0	77.2	.915	.81	84.6	85.3	NW b N	0.3					
4 „	.570	.655	84.0	79.0	5.0	77.2	.915	.81	84.6	85.3	N	0.2					
5 „	.576	.676	83.5	78.5	5.0	76.6	.900	.81	83.2	85.2	NNE	0.2					
6 „	.590	.600	83.5	78.5	5.0	76.6	.900	.81	83.5	85.1	„	0.1		+	8		1.37
7 „	.597	.695	85.2	79.0	6.2	76.7	.902	.76	84.9	85.0	ENE	0.1		+	4		3.11
8 „	.609	.738	88.0	79.0	9.0	75.6	.871	.68	86.0	85.0	„	0.2		+	1		Above 10m.
9 „	.622	.728	89.7	80.0	9.7	76.4	.894	.66	87.0	85.2	„	0.2		+	6		1.3
10 „	.620	.728	91.6	80.4	11.2	76.4	.892	.62	88.2	85.4	N	0.2		+	4		2.19
11 „	.606	.714	91.6	80.4	11.2	76.4	.892	.62	88.4	85.6	NW	0.2					
Noon.	.586	.630	92.1	82.0	10.1	78.5	.956	.66	88.9	85.7	„	0.3					
1 p. m.	.565	.608	92.0	82.0	10.0	78.6	.957	.66	89.0	85.7	„	0.5					
2 „	.539	.599	91.6	81.5	10.1	78.0	.940	.66	89.0	85.9	„	1.0					
3 „	.520	.557	91.4	82.0	9.4	78.8	.963	.67	89.0	86.0	„	1.0					
4 „	.486	.554	90.2	81.0	9.2	77.7	.932	.68	88.5	86.1	NW b W	1.4					
5 „	.511	.557	89.4	81.3	8.1	78.5	.954	.71	88.1	86.0	NW	1.0					
6 „	.540	.584	88.0	81.0	7.0	78.5	.956	.74	87.0	85.9	„	0.6					
7 „	.561	.613	86.4	80.4	6.0	78.3	.948	.77	86.1	85.9	WNW	0.4					
8 „	.583	.648	86.0	80.0	6.0	77.8	.935	.77	86.0	85.9	WSW	0.2					
9 „	.607	.665	85.4	80.0	5.4	78.1	.942	.79	85.8	85.9	S b W	0.3					
10 „	.614	.699	84.0	79.0	5.0	77.2	.915	.81	85.4	85.9	„	0.6	0.01	—	Out of Sc.	Out of Sc.	Instantly.
11 „	.614	.727	82.7	78.0	4.7	76.2	.887	.82	84.3	85.8	„	0.1	0.01	+	10		0.40
June 10th—Midnight	.614	28.721	82.2	78.0	4.2	76.4	.893	.83	83.7	85.7	SSW	00.6	0.01	+	8		
1 a. m.	.597	.716	81.5	77.5	4.0	76.0	.881	.84	83.0	85.5	„	0.6					
2 „	.595	.715	81.6	77.5	4.1	75.9	.880	.84	83.0	85.4	S	0.4					
3 „	.578	.698	81.6	77.5	4.1	75.9	.880	.84	82.7	85.3	S b W	0.3					
4 „	.578	.681	81.8	78.0	3.8	76.5	.897	.85	82.9	85.2	„	0.4					
5 „	.580	.674	81.0	78.0	3.0	76.9	.906	.88	82.2	85.1	SSE	0.3					
6 „	.596	.694	81.4	78.0	3.4	76.7	.902	.86	82.0	85.0	„	0.2					
7 „	.599	.699	83.5	78.5	5.0	76.6	.900	.81	82.8	84.9	„	0.1					
8 „	.602	.699	85.1	79.0	6.1	76.7	.903	.77	84.0	84.8	„	0.1					
9 „	.611	.689	87.2	80.0	7.2	77.4	.922	.74	85.0	84.9	„	0.1					
10 „	.609	.670	90.4	81.2	9.2	78.0	.939	.68	87.2	85.1	„	0.1		+	4		1.48
11 „	.593	.656	90.6	81.2	9.4	77.9	.937	.67	87.6	85.3	„	0.2		+	20	18	0.44
Noon.	.584	.644	92.0	81.6	10.4	78.0	.940	.65	88.4	85.4	W b S	0.2		+	6		2.37
1 p. m.	.563	.633	92.3	81.5	10.8	77.7	.932	.64	89.0	85.6	NW b W	0.8					
2 „	.552	.620	92.7	81.6	11.1	77.7	.932	.63	89.1	85.8	W b N	0.8					
3 „	.530	.600	92.5	81.5	11.0	77.7	.930	.63	89.3	85.9	WNW	0.8					
4 „	.522	.604	91.5	81.0	10.5	77.3	.918	.64	89.0	86.0	„	0.8					
5 „	.529	.597	90.2	81.0	9.2	77.7	.932	.68	88.1	86.0	W b N	0.7					
6 „	.564	.653	89.4	80.3	9.1	77.0	.911	.68	87.2	85.9	WSW	0.5					
7 „	.573	.646	86.7	80.0	6.7	77.6	.927	.75	86.3	85.8	W b N	0.3					
8 „	.574	.639	86.0	80.0	6.0	77.8	.935	.77	86.0	85.8	WNW	0.5					
9 „	.575	.626	85.5	80.2	5.3	78.3	.949	.80	85.8	85.8	NW	0.4					
10 „	.585	.641	85.2	80.0	5.2	78.1	.944	.80	85.5	85.7	„	0.2					
11 „	.569	.623	85.0	80.0	5.0	78.2	.946	.81	85.3	85.7	„	0.4		+	4		2.14

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cc cirro-cumuli; Cu cumuli; Cs cirro-strati; Cu cumulo-strati; and Cn nimbi.	
7	C	Ci and Cc throughout, both moving slowly to NE; Cc around hor; haze.	
5	B	Cu and Cu scattered from N to S hor. (by E); Cc throughout moving W; haze.	
3	B	" " " "	
4	B	Cu and Cu from N to E; Cc throughout moving E; distant thunder in NE.	
5	B	Cu and Cu from N to SE extending towards the zenith; Cc around the W hor.	
6	G	" " " "	
7	G	" " " "	
7	G	Ci, Cc and Cc scattered throughout; Cc moving ESE; lightning in N and NE hor.	
7	G	Ci, Cc and Cc scattered throughout; Cc moving ESE; lightning in N and NE hor.; drops of rain from 8h. 20m. to 8h. 37m.	
8	C	Overcast with Cc and Cc moving SSW; lightning in SE at every minute.	
8	C	" " "	
8	C	" " "	
8	C	Overcast with Cc and Cc moving SW; lightning in E, SE and S hor.	Mean daily temperature of ground 20 and 60 inches below its surface 86°6 and 85°1. Daily fall of rain by Osler's Gauge 0·02 in. Maximum tension of electricity by Henley's Apparatus 2. Maximum length of the spark by Ronald's Measure 0·01 in. The reading of barometer at 4 P. M. was 29·486 in., lowest in the month and about 0·125 in. lower than the normal mean.
8	B	" " "	
8	B	Overcast with Cc moving to S; a few stars dimly visible in zenith; lightning in SSE at intervals of 20s.	
8	B	" " " "	
6	B	Cc scattered throughout moving S; lightning in S at every 2m.	
7	G	Cc and Cc scattered throughout; the latter moving to SSW; lightning in S.	
6	G	Ci, Cc and Cc scattered throughout; no lightning; haze in E.	
6	G	Ci, Cc and Cc scattered throughout; Cc moving to S haze in E and SE hor.	
5	G	" " " "	
4	C	Ci and Cc scattered throughout; Cc moving S; haze in E, S and W hor.	
5	C	" " " "	
4	C	Cc around hor.; and Ci throughout; haze in hor.	
4	C	" " "	
5	B	Cu from WE to SE; Ci scattered about.	9th June was the 28th day on which lightning was observed, 3rd day on which thunder was heard, and 6th day on which fall of rain was less than 0·01 in.
5	B	" "	
4	B	Cu and Cu from N to E hor.; Ci throughout.	
4	B	" "	
5	G	Cu from NE to SE hor. extending towards the zenith; Ci throughout; haze in E; distant thunder in NE.	
7	G	Cu from N to SE extending towards the zenith; Cc throughout; Rainbow in E at 6h. 7m.; distant thunder in E and SE.	
7	G	Clouded as above; lightning in ENE at intervals of 24s.	
7	G	Ci, Cc and Cc scattered throughout; lightning in E and SE hor. at intervals of 17s.	
7	C	Cc and Cc scattered throughout moving SW; lightning in E and SE at intervals of about 30s.; drops of rain at 9h. 50m.	
8	C	Overcast with Cc moving SW; lightning in E, SE, S and SW hor.; drops of rain at 10h. 24m. and again at 10h. 40m.	
8	C	Overcast; lightning in SE and S; drops of rain now and then.	
8	C	Overcast with Cc moving WSW; lightning in SE and S hor.; drops of rain at the time of observation.	Mean daily temperature of ground 20 and 60 inches below its surface 86°6 and 85°1. Daily fall of rain by Osler's Gauge 0·01 in. 10th June was the 29th day on which lightning was recorded, and 7th day on which fall of rain was less than one cent.
8	B	Overcast with Cc moving W; lightning in SE hor.	
8	B	Overcast with Cc moving WNW.	
8	B	" "	
8	B	Overcast; a few stars dimly visible here and there; drops of rain at 4h. 27m.	
8	G	Cc and Cc scattered throughout.	
8	G	" "	
8	G	Ci in SW, and Cc throughout moving slowly to W; mist in hor.	
8	G	" " "	
8	C	Overcast with Cc moving to W; haze in E hor.	
7	C	" " "	
6	C	Cc and Cc scattered throughout moving to SE; haze in E hor.	
6	C	" "	
4	B	Cc scattered throughout moving E.	
7	B	" "	
6	B	" "	
5	B	" "	
6	G	Cc and Cc scattered throughout; the latter moving SE.	
7	G	" " "	
8	G	Ci, Cc and Cc scattered throughout; lightning in SE hor. at every 4m.	
7	G	Ci and Cc in W; and Cc throughout moving ESE; lightning in E.	
7	C	Cc in W above the hor.; Cc scattered throughout moving SE; lightning in E and NE at every 2m.	
7	C	Overcast with Cc and Cc; lightning in NE hor.	
8	C	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volts 1.	Electrical Instruments. Readings of Straws of Volts 2.	Electrical Instruments. Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 11th-Midnight	29.548	28.619	84°7	79°5	5°2	77°6	0.929	0.80	85°1	85°7	WNW	0.3					
1 a. m.	.546	.637	84.5	79.0	5.5	76.9	.909	.79	85.0	85.6	W	0.3					
2 „	.537	.626	84.4	79.0	5.4	77.0	.911	.79	85.0	85.6	„	0.6					
3 „	.527	.633	84.0	78.5	5.5	76.4	.894	.79	84.7	85.5	NW b W	0.7					
4 „	.527	.612	84.0	79.0	5.0	77.2	.915	.81	84.6	85.4	NW	0.6					
5 „	.546	.621	83.8	79.2	4.6	77.5	.925	.82	84.2	85.3	NW b N	0.3					
6 „	.563	.623	84.8	79.8	5.0	78.0	.940	.81	84.0	85.2	NW	0.2					
7 „	.584	.638	85.0	80.0	5.0	78.2	.946	.81	84.7	85.2	„	0.2					
8 „	.597	.655	87.3	80.5	6.8	78.1	.942	.75	85.3	85.2	„	0.2					
9 „	.609	.682	88.7	80.5	8.2	77.6	.927	.71	86.0	85.3	„	0.3					
10 „	.607	.686	89.6	80.6	9.0	77.4	.921	.68	87.2	85.4	„	0.3					
11 „	.602	.669	90.1	81.0	9.1	77.8	.933	.68	87.7	85.5	NW b W	0.2					
Noon.	.586	.665	91.3	81.0	10.3	77.4	.921	.65	88.2	85.6	WNW	0.2					
1 p. m.	.575	.652	93.0	81.5	11.5	77.5	.923	.63	89.0	85.8	W b N	0.6					
2 „	.554	.649	92.7	81.0	11.7	76.8	.905	.61	89.5	86.0	W	0.6					
3 „	.531	.601	92.5	81.5	11.0	77.7	.930	.63	89.5	86.2	W b S	0.8					
4 „	.519	.578	91.5	81.5	10.0	78.0	.941	.66	89.3	86.3	W	0.6					
5 „	.558	.627	90.3	81.0	9.3	77.7	.931	.67	88.5	86.3	WNW	0.2					
6 „	.605	.679	88.4	80.4	8.0	77.5	.926	.71	88.0	86.4	NW	0.1		—	Out of Sc.	40	0.4
7 „	.568	.758	79.0	75.0	4.0	73.3	.810	.84	83.0	86.1	SW	0.3	0.10	—	Out of Sc	Out of Sc.	Instantly.
8 „	.570	.764	79.4	75.0	4.4	73.2	.806	.82	82.3	85.7	„	0.2	0.10	+	Out of Sc.	60	0·10
9 „	.582	.750	80.5	76.0	4.5	74.2	.832	.82	82.3	85.6	„	0.1	0.01	+	4		2.19
10 „	.598	.766	80.5	76.0	4.5	74.2	.832	.82	82.1	85.4	N b W	0.3					
11 „	.591	.754	80.1	76.0	4.1	74.4	.837	.83	81.8	85.3	ESE	0.1					
June 13th-Midnight	.616	.761	82.0	77.0	5.0	75.0	.855	.80	83.1	85.0	ESE	0.3					
1 a. m.	.602	.747	82.0	77.0	5.0	75.0	.855	.80	83.0	84.9	„	0.2					
2 „	.589	.748	81.5	76.5	5.0	74.5	.841	.80	82.6	84.7	„	0.0					
3 „	.589	.781	81.3	75.6	5.7	73.3	.808	.77	82.3	84.6	E b S	0.5					
4 „	.589	.808	81.6	75.0	6.6	72.2	.781	.74	82.3	84.6	SE b S	0.3					
5 „	.600	.837	81.4	76.0	5.4	73.8	.823	.79	82.0	84.6	SE	0.2					
6 „	.621	.794	81.7	76.2	5.5	74.0	.827	.78	82.0	84.5	ESE	0.2		+	18	16	0.24
7 „	.627	.776	82.4	77.0	5.4	74.9	.851	.79	82.5	84.4	„	0.2		+	4		2.19
8 „	.641	.754	82.7	78.0	4.7	76.2	.887	.82	83.0	84.4	SSE	0.1		+	1		Above 10m.
9 „	.664	.807	86.2	78.2	8.0	75.1	.857	.70	85.0	84.5	„	0.2					
10 „	.663	.815	90.1	79.0	11.1	74.8	.848	.62	86.1	84.5	„	0.1					
11 „	.656	.775	91.0	80.0	11.0	76.0	.881	.63	87.1	84.6	„	0.1	None.				
Noon.	.645	.754	92.0	80.5	11.5	76.3	.891	.61	88.0	84.8	SSW	0.1					
1 p. m.	.623	.699	93.0	81.5	11.5	77.5	.924	.62	89.0	85.0	W	0.3					
2 „	.601	.695	92.6	81.0	11.6	76.8	.906	.61	89.0	85.2	NW b W	0.6					
3 „	.575	.645	92.5	81.5	11.0	77.7	.930	.63	89.0	85.4	„	0.7					
4 „	.567	.633	91.3	81.3	10.0	77.8	.934	.66	89.0	85.6	„	0.6					
5 „	.565	.595	88.8	81.5	7.3	79.0	.970	.74	88.2	85.7	NW	0.7					
6 „	.563	.605	87.8	81.0	6.8	78.6	.958	.75	87.7	85.7	„	0.6					
7 „	.592	.614	86.0	81.0	5.0	79.3	.978	.81	86.2	85.6	„	0.5					
8 „	.616	.660	85.3	80.3	5.0	78.5	.956	.81	85.7	85.5	„	0.5					
9 „	.651	.728	85.2	79.5	5.7	77.4	.923	.78	85.6	85.5	WNW	0.2					
10 „	.653	.730	85.2	79.5	5.7	77.4	.923	.78	85.5	85.5	„	0.1		+	6		
11 „	.647	.723	85.1	79.5	5.6	77.5	.924	.78	85.3	85.4	NW b W	0.3					
June 14th-Midnight	.639	.724	84.7	79.2	5.5	77.2	.915	.79	85.2	85.4	NW b W	0.3		+	4		3.20
1 a. m.	.630	.710	83.5	79.0	4.5	77.3	.920	.82	84.6	85.4	NNW	0.4	0.05	+	10	8	0.45
2 „	.631	.727	83.1	78.5	4.6	76.8	.904	.82	84.3	85.4	NW b W	0.3		+	6		1.10
3 „	.631	.709	83.4	79.0	4.4	77.4	.922	.83	84.3	85.3	„	0.3		+	4		3.30
4 „	.642	.711	82.5	79.0	3.5	77.7	.931	.86	83.6	85.2	WNW	0.3	0.06	—	Out of Sc.	Out of Sc.	Instantly.
5 „	.639	.694	81.3	79.0	2.3	78.2	.945	.91	82.8	85.1	NW	0.4	0.49	—	Out of Sc.	Out of Sc.	Instantly.
6 „	.650	.711	81.8	79.0	2.8	78.9	.939	.89	82.5	84.9	„	0.3	0.01	+	6		3.24
7 „	.677	.709	83.0	80.0	3.0	78.9	.968	.88	83.0	84.9	N b W	0.4					
8 „	.683	.697	84.9	80.9	4.0	79.5	.986	.84	84.6	84.9	NNE	0.3					
9 „	.692	.740	86.8	80.6	6.2	78.4	.952	.77	85.8	85.0	NNW	0.2					
10 „	.689	.755	86.8	80.2	6.6	77.8	.934	.76	86.0	85.0	„	0.3					
11 „	.674	.751	89.0	80.5	8.5	77.4	.923	.70	87.0	85.1	„	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ∿ cirri; ∿ cirro-cumuli; ⌒ cumuli; ∿ cirro-strati; ⌒ cumulo-strati; and ∿ nim.bi.	
8	C	Overcast with ∿ moving ESE.	Mean daily temperature of ground 20 and 60 inches below its surface 86°6 and 85°2. Daily fall of rain by Osler's Gauge 0.16 in. Tension of electricity by Henley's Apparatus 8. Maximum length of the spark by Ronald's Measure 0·05.
7	B	∿ scattered throughout moving ESE.	
6	B	" "	
3	B	∿ scattered all round the hor., moving SE.	
3	B	" "	
6	G	∿ and ∿ scattered throughout; ∿ moving ESE; drops of rain at 5h. 31m.	
7	G	∿ and ∿ scattered throughout; ∿ moving ESE; mist along E hor.	
7	G	∿ in W, and ∿ throughout; mist in hor.	
8	G	Overcast with ∿ moving to E; mist in hor.	
8	C	" "	
8	C	" "	
8	C	" "	
7	C	" "	
4	B	∿ and ∿ scattered throughout; haze.	
5	B	∿ throughout moving W; ∿ around hor.; haze.	
3	B	∿ and ∿ scattered throughout.	
3	B	∿, ∿, and ∿ scattered throughout.	
6	C	⌒ in NE and E extending towards zenith; ∿ throughout moving E; and ∿ in W; distant thunder in NE. [and thunder.	
8	C	Overcast; threatening appearance in NE; at 6h. 15m. equally wind from NE, which lasted 6m.; shower of rain at 6h. 21m.; lightning	
8	C	Overcast with ∿ moving WSW; sheet & forked lightning accompanied with loud peals of thunder in E, S & SW of zenith; light rain	
8	C	Overcast; continuous lightning in N, NE, E, SE and S and thunder now and then; rain ceased at 8h. 25m. [from 7h. 28m.	
8	C	Overcast; thunderstorm over from the last observation; lightning in S and SW.	
8	C	Overcast with ∿ moving S; lightning in SE, S and SW at longer and longer intervals.	
8	C	" " " "	
8	C	Overcast with ∿ moving S; drops of rain fell from 0h. 18m. to 0h. 30m.	Mean daily temperature of ground 20 and 60 inches below its surface 86°6 and 85°4. 13th June was the 31st day on which lightning was seen, and 8th day on which fall of rain was less than one cent.
8	B	Overcast with ∿ in two strata, the lower stratum moving SW; a few drops of rain at 1h. 50m.	
8	B	Overcast with ∿ in two strata, the lower stratum moving W.	
8	B	" " "	
8	B	" "	
8	G	Densely overcast with ∿ moving W; drops of rain now and then.	
8	G	Overcast with ∿ in two strata, the upper stratum moving westward and the lower one moving to E.	
8	G	" " "	
8	G	Overcast with ∿ and ∿; the former moving to W and the latter to E.	
7	C	Densely clouded with ∿ and ∿ moving to W.	
7	C	Densely clouded with ∿ and ∿ moving to W.; hazy.	
6	C	" " " " "	
3	C	∿ and ∿ scattered about the latter moving SW; haze.	
1	B	∿ in small pieces scattered around; thick haze in E.	
1	B	∿ in small pieces scattered around; thick haze around.	
2	B	∿ and ∿ scattered about; haze around hor.	
5	B	" " "	
5	G	Dense ∿ scattered about the sky; ⌒ in NE and E hor.; ∿ scattered about here and there moving E.	
5	G	∿ and ∿ in NE and N above hor.; ⌒ in E and SE hor.; ∿ scattered about the sky moving SE. [hor. at every 2m.	
5	G	∿ and ∿ scattered about; large pieces of ∿ moving SE; halo around the moon observed at 7h. 20m.; lightning in E and SE	
7	G	Dense ∿ and ∿ scattered throughout the sky, the latter moving SE; lightning in E and SE every minute.	
6	C	Densely clouded with ∿ moving SE; lightning in E and SE at every 2m.	
8	C	Overcast with ∿ moving SE; lightning in SE at every 3m. [to 11h. 36m.	
8	C	Overcast with ∿ moving SE; lightning at long intervals; light rain from 11h. 20m.	
8	C	Overcast with ∿ moving SE; light rain began to fall at 0h. 35m.; lightning in SE; thunder in W heard at 0h. 55m.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°4. Daily fall of rain by Osler's Gauge 0·65 in. Maximum tension of electricity by Henley's Apparatus 10.0 in. Maximum length of the spark by Ronald's Measure 0·10 in. 14th June was the 32nd day on which lightning was seen and 5th day on which thunder was heard.
8	B	Overcast; lightning, in SE at an interval of 1m. 35s.; rain ceased at 1h. 20m.; thunder in W at every 2m.	
8	B	Overcast with ∿ moving SE; lightning in SE and W at intervals of about 2m. and 1m. 45s.; occasional thunder.	
8	B	Overcast uniformly; lightning in W at every minute; thunder at every 2m.; light rain began to fall at 3m. 30s.	
8	B	Densely overcast with ∿ with no apparent motion; continuous lightning & rolling thunder about the zenith; raining thunderstorm abated at 4h. 50m.	
8	G	Clouded as before; lightning and thunder occasional; rain abated from 5h. 12m. and ceased altogether at 5h. 22m.	
8	G	Overcast with ∿ in two strata; the upper stratum moving to W and the lower stratum moving to SE.	
8	G	" " " " "	
8	G	Overcast with ∿ and ∿, the former moving E.	
8	C	Overcast with ∿ moving SW.	
8	C	Overcast with ∿ moving SW; haze in E hor.	
6	C	∿ scattered throughout, a few ∿ here and there; thick haze in E hor.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 laid in the Ground.	Ground Thermometers. Thermometer 2 inclines in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or —	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 14th-Noon.	29.671	28.734	89°7	81°0	8°7	77°9	0.937	0.69	87°4	85°2	NW b N	0.4					
1 p. m.	.659	.722	90.1	81.1	9.0	77.9	.937	.68	87.6	85.3	WNW	0.6					*
2 „	.639	.708	90.3	81.0	9.3	77.7	.931	.67	88.0	85.4	„	0.8					
3 „	.631	.739	90.0	80.0	10.0	76.4	.892	.65	88.0	85.5	„	0.8					
4 „	.624	.748	89.5	79.5	10.0	75.8	.876	.65	87.6	85.6	„	1.0					*
5 „	.623	.737	88.6	79.5	9.1	76.1	.886	.68	87.0	85.6	„	0.6					
6 „	.632	.739	86.7	79.2	7.5	76.4	.893	.72	86.1	85.6	„	0.5					
7 „	.662	.767	85.4	78.9	6.5	76.5	.895	.75	85.3	85.6	„	0.3		—	Out of Sc.	Out of Sc.	Instantly.
8 „	.676	.814	85.0	78.0	7.0	75.3	.862	.74	85.0	85.5	W b N	0.2		—	20	18	2.0
9 „	.701	.837	84.8	78.0	6.8	75.4	.864	.74	85.0	85.4	W	0.1					
10 „	.705	.873	84.1	77.0	7.1	74.2	.832	.73	84.8	85.3	ENE	0.3	0.02	—	Out of Sc.	Out of Sc.	Instantly.
11 „	.702	.878	81.3	76.0	5.3	73.9	.824	.79	83.5	85.3	SW b S	0.4	0.09	—	Out of Sc.	Out of Sc.	Instantly.
June 15th-Midnight	.700	.884	82.0	76.0	6.0	73.6	.816	.77	83.3	85.3	E b N	0.3		+	10	8	1.11
1 a. m.	.690	.844	81.0	76.5	4.5	74.7	.846	.82	82.5	85.2	SE b E	0.6					
2 „	.667	.821	81.0	76.5	4.5	74.7	.846	.82	82.3	85.1	„	0.0					
3 „	.623	.799	81.3	76.0	5.3	73.9	.824	.79	82.3	85.0	NNW	0.0					
4 „	.635	.799	81.6	76.4	5.2	74.3	.836	.80	82.3	84.8	NW b W	0.0					
5 „	.675	.839	81.6	76.4	5.2	74.3	.836	.80	82.1	84.8	SSW	0.2					
6 „	.708	.856	82.3	77.0	5.3	74.9	.852	.79	83.0	84.7	SW	0.3					
7 „	.726	.855	82.7	77.6	5.1	75.6	.871	.80	83.3	84.6	„	0.2					
8 „	.733	.860	84.0	78.0	6.0	75.7	.873	.77	83.9	84.6	S b W	0.2					
9 „	.749	.856	86.0	79.0	7.0	76.4	.893	.74	85.0	84.7	„	0.2					
10 „	.749	.808	87.8	80.6	7.2	78.0	.941	.74	86.0	84.8	S	0.1					
11 „	.739	.779	88.8	81.3	7.5	78.7	.960	.73	87.0	84.9	S b W	0.1					
Noon.	.729	.775	90.2	81.5	8.7	78.5	.954	.69	87.5	85.1	SW b S	0.2	None.				
1 p. m.	.710	.739	90.6	82.0	8.6	79.0	.971	.70	88.0	85.3	SW	0.3					
2 „	.693	.736	92.0	82.0	10.0	78.6	.957	.66	88.7	85.4	„	0.4					
3 „	.675	.711	91.3	82.0	9.3	78.8	.964	.68	88.9	85.6	W	0.5					
4 „	.662	.718	89.1	81.0	8.1	78.1	.944	.71	88.0	85.6	„	0.4					
5 „	.656	.689	88.6	81.4	7.2	78.9	.967	.74	87.1	85.7	WNW	0.3					
6 „	.665	.695	86.7	81.0	5.7	79.0	.970	.79	86.0	85.6	„	0.2					
7 „	.679	.690	85.0	81.0	4.0	79.6	.989	.84	85.2	85.6	W b N	0.1					
8 „	.697	.708	85.0	81.0	4.0	79.6	.989	.84	85.0	85.5	W	0.4					
9 „	.716	.746	84.8	80.5	4.3	79.0	.970	.83	85.0	85.4	„	0.3					
10 „	.717	.783	84.2	79.5	4.7	77.8	.934	.82	84.7	85.4	„	0.3					
11 „	.715	.781	84.2	79.5	4.7	77.8	.934	.82	84.7	85.3	„	0.3					
June 16th-Midnight	.706	.749	84.0	80.0	4.0	78.6	.957	.84	84.6	85.2	W	0.2					
1 a. m.	.701	.798	83.2	78.5	4.7	76.7	.903	.82	83.9	85.2	W b N	0.2					
2 „	.696	.773	83.3	79.0	4.3	77.4	.923	.83	83.9	85.2	W	0.2					
3 „	.692	.808	83.0	78.0	5.0	76.1	.884	.80	83.6	85.1	„	0.4					
4 „	.688	.802	82.8	78.0	4.8	76.1	.886	.81	83.5	85.1	„	0.2					
5 „	.697	.809	82.6	78.0	4.6	76.2	.888	.82	83.2	85.0	WSW	0.2					
6 „	.718	.872	82.8	77.0	5.8	74.7	.846	.77	83.0	84.9	„	0.3					
7 „	.728	.895	84.0	77.0	7.0	74.2	.833	.73	84.1	84.8	W b N	0.2					
8 „	.734	.888	84.7	77.5	7.2	74.7	.846	.73	84.3	84.8	W b S	0.2					
9 „	.744	.863	87.1	79.0	8.1	76.0	.891	.70	86.0	84.9	SW b W	0.2					
10 „	.750	.845	88.7	80.0	8.7	76.8	.905	.69	86.3	84.9	„	0.3					
11 „	.746	.825	88.5	80.3	8.2	77.4	.921	.71	86.9	85.0	WSW	0.2	None.	None.	None.	None.	None.
Noon.	.740	.818	91.2	81.0	10.2	77.4	.922	.65	87.8	85.1	WNW	0.3					
1 p. m.	.726	.813	92.0	81.0	11.0	77.1	.913	.63	88.0	85.3	W b S	0.5					
2 „	.712	.823	92.2	80.5	11.7	76.3	.889	.61	88.8	85.5	WSW	0.5					
3 „	.693	.780	92.0	81.0	11.0	77.1	.913	.63	88.8	85.6	W	0.8					
4 „	.677	.798	91.2	80.0	11.2	75.9	.879	.62	88.6	85.8	„	0.8					
5 „	.671	.786	90.6	80.0	10.6	76.1	.885	.64	88.0	85.8	„	0.5					
6 „	.678	.758	87.4	80.0	7.4	77.3	.920	.73	86.9	85.7	„	0.5					
7 „	.688	.826	86.5	78.4	8.1	75.3	.862	.70	86.6	85.7	„	0.3					
8 „	.699	.821	85.5	78.5	7.0	75.9	.878	.74	86.6	85.6	WSW	0.2					
9 „	.721	.821	85.4	79.0	6.4	76.6	.900	.76	85.4	85.5	W b S	0.1					
10 „	.723	.819	85.0	79.0	6.0	76.8	.904	.77	85.3	85.4	W b S	0.2					
11 „	.720	.814	84.8	79.0	5.8	76.8	.906	.78	85.2	85.4	W b S	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—*In recording these Observations, the Symbols used to denote the clouds are:* ⌇ *cirri;* ⌇⌇ *cirro-cumuli;* ⌒⌇ *cumuli;* ⌣⌇ *cirro-strati;* ⌒⌇⌇ *cumulo-strati; and* ⌇⌇⌇ *nimbi.*	
5	C	⌇ and ⌇⌇ scattered throughout; thick haze in E hor.	
6	B	⌇ and ⌇⌇ scattered about, the latter moving ESE; hazy.	
5	B	Dense ⌇ scattered throughout; ⌇⌇ around hor.; haze in hor.	
6	B	" " " "	
7	B	" " " "	
7	G	" " " "	
8	G	⌇⌇ scattered throughout moving E.	
8	G	Overcast with ⌇⌇ moving E; lightning in E hor. at intervals.	
8	G	Overcast; lightning in NE, E and SE at intervals of 13s.	
8	C	Overcast; lightning in NE, E, SE and S of zenith; thunder at intervals; drops of rain falling from 9h. 47m.	
8	C	Overcast; continuous lightning and thunder in NE, E, SE and S of zenith; raining lightly.	
8	C	Overcast with ⌇⌇ moving S; lightning in SE and S hor. at intervals of 10s. thunder occasional; rain ceased at 11h. 5m.	
8	C	Overcast with ⌇⌇ moving S; lightning in SE, S and SW hor.; no thunder or rain.	Mean daily temperature of ground 20 and 60 inches below its surface 86°4 and 85°4. 82°0 was the highest reading of wet bulb thermometer recorded during this month.
8	B	Overcast; lightning in SE every minute.	
8	B	" " "	
8	B	Overcast with ⌇⌇ moving W; lightning in SW at every 2m.	
7	B	⌇⌇ scattered throughout moving W; lightning in SW at intervals of 4m.	
8	G	⌇⌇ and ⌇⌇ scattered throughout, former moving W; lightning in SW at intervals.	
7	G	⌇⌇ and ⌇⌇ scattered throughout, former moving W; haze in E.	
7	G	⌇⌇ and ⌇⌇ scattered throughout; haze in E hor.	
7	G	" " "	
7	C	Overcast with ⌇⌇ and ⌇⌇ moving W; haze in hor.	
7	C	" " "	
7	C	" " "	
8	C	" " "	
8	B	" " "	
6	B	⌇⌇ and ⌇⌇ throughout; ⌇⌇ moving to ENE; haze in E hor.	
7	B	" " "	
7	B	" " "	
6	G	⌇, ⌇⌇ and ⌇⌇ throughout; ⌇⌇ moving E.	
6	G	" " "	
6	G	⌇, ⌇⌇ and ⌇⌇ throughout; ⌇⌇ moving E; ⌣⌇ in ESE; lightning in E at times.	
7	G	⌇⌇ and ⌇⌇ scattered throughout, the latter moving to E; lightning in E hor. at about every 3m.	
7	C	⌇⌇ and ⌇⌇ throughout, the former moving to W and the latter to E; lightning in E hor. at intervals.	
6	C	⌇⌇ and ⌇⌇ throughout, the former moving to W and the latter to E; no lightning.	
7	C	" " " "	
6	C	⌇⌇ and ⌇⌇ scattered throughout, the former moving to W, and the latter moving to ESE.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°5. 16th June was the 34th day on which lightning was observed, and 6th day on which thunder was recorded.
7	B	⌇ and ⌇⌇ throughout; ⌇⌇ all round hor.	
6	B	⌇ about the zenith; ⌇⌇ and ⌇⌇ throughout; lightning and thunder at intervals in SE hor. after 2h. 47m.	
5	B	⌇⌇ and ⌇⌇ throughout; ⌇⌇ moving SE; lightning in SE hor. at about every 2m.	
3	B	⌇⌇ and ⌇⌇ all round hor.; lightning in SE.	
5	G	⌇⌇ and ⌇⌇ throughout; ⌇⌇ moving ESE. [in W.	
6	G	⌇⌇ throughout, moving SE; mist in E hor.; slight rain after 6h. 52m.; partial Rainbow	
7	G	⌇⌇ throughout moving E; ⌇⌇ here and there; rain ceased 7h. 20m.	
6	G	⌇ ⌇⌇ and ⌇⌇ throughout; ⌇⌇ moving to E; haze in E.	
6	C	⌇⌇ and ⌇⌇ throughout; ⌇⌇ moving to NE; haze in E.	
7	C	" " "	
8	C	Overcast with ⌇⌇ moving NE; slight rain from 11h. to 11h. 14m.	
7	C	⌇⌇ and ⌇⌇ scattered throughout; ⌇⌇ moving E and ⌇⌇ moving NNW.	
5	B	⌇⌇ and ⌇⌇ throughout; mist in hor.	
5	B	" " "	
6	B	" " "	
3	B	" " "	
5	G	⌒⌇ in E and SE hor.; ⌇⌇ and ⌇⌇ scattered about moving E.	
6	G	" " " "	
6	G	⌒⌇ in E and SE hor. ⌇⌇ and ⌇⌇ scattered about moving E; lunar halo.	
8	G	Overcast with L ⌇⌇ moving E; a few stars dimly visible about the zenith.	
8	C	Overcast with ⌇⌇ moving E.	
8	C	" "	
8	C	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 17th-Midnight	29.717	28.840	84°4	78°2	6°2	75°8	0.877	0.76	84°9	85°4	W b S	0.1					
1 a. m.	.702	.829	84.0	78·0	6.0	75.7	.873	.77	84.5	85.4	„	0.1					
2 „	.681	.793	82.6	78.0	4.6	76.2	.888	.82	83.6	85.3	SW b S	0.6					
3 „	.680	.814	81.0	77.0	4.0	75.4	.866	.85	82.6	85.2	SSW	0.5					
4 „	.681	.813	80.8	77.0	3.8	75.5	.868	.85	82.2	85·1	„	0.2					
5 „	.681	.808	80.4	77.0	3.4	75.7	.873	.86	82.0	85.0	S b W	0.3					
6 „	.698	.843	82.7	77.2	5.5	75.0	.855	.79	82.7	84.9	SSW	0.2					
7 „	.722	.858	84.8	78.0	6.8	75.4	.864	.74	84.0	84.9	W b S	0.2					
8 „	·733	.851	87.0	79.0	8.0	76.0	.882	.71	85.4	85.0	W	0.2					
9 „	.750	.839	88.2	80.0	8.2	77·0	.911	.70	86.4	85.1	„	0.2					
10 „	.752	.831	90.0	80.7	9.3	77.4	.921	.67	87.6	85.2	„	0.2		None.	None.	None.	None.
11 „	.746	.843	90.6	80.4	10.2	76.7	.903	.65	88.0	85.4	W b S	0.1					
Noon.	.740	.808	86.6	80·1	6.5	77.7	.932	.76	86.2	85.5	WNW	0.1	0.01				
1 p. m.	.723	.767	88.0	81.0	7.0	78.5	.956	.74	86.6	85.5	S b E	0.3	0.02				
2 „	.704	.794	90.2	80.5	9.7	77.0	.910	.66	87.6	85.6	W	0·4					
3 „	.672	.748	91.0	81.0	10.0	77.5	.924	.66	88.2	85.8	W b N	0.5					
4 „	.658	.736	91.2	81·0	10.2	77.4	.922	·65	88.4	85.9	„	0.6					
5 „	.646	.735	89.4	80.3	9.1	77.0	.911	.68	87.5	85.9	NW b W	0.6					
6 „	.656	.780	87.5	79.0	8·5	75.8	.876	.69	87.0	85.8	WNW	0.5					
7 „	·667	·770	85.6	79.0	6.6	76.5	.897	.75	85.7	85.7	W	0.5					
8 „	.684	.780	85.0	79.0	6.0	76.8	.904	.77	85.0	85.7	WNW	0.6					
9 „	.708	.822	84.8	78.5	6.3	76.1	.886	.76	85.0	85.6	„	0.2					
10 „	.708	.839	84.4	78.0	6.4	75.5	.869	.76	85.0	85.5	W b N	0·2					
11 „	.705	.834	84.2	78.0	6.2	75.6	.871	.76	85.0	85.5	W	0.1					
June 18th-Midnight	.693	.822	84.2	78.0	6.2	75.6	.871	·76	84.6	85.5	WSW	0.1					
1 a. m.	.673	.796	83.6	78.0	5.6	75.8	.877	.78	84.3	85.4	W b S	0·3					
2 „	.666	.807	83.5	77.5	6.0	75.2	.859	.77	84.1	85·4	„	0.4					
3 „	.661	.800	83.3	77.5	5.8	75.2	.861	.77	84.0	85.3	WSW	0.2					
4 „	.654	.765	82.5	78.0	4.5	76.3	.889	.82	83.6	85.2	WNW	0.3					
5 „	.661	.772	82.5	78.0	4.5	76.3	.889	.82	83.0	85.2	WSW	0.4					
6 „	.678	.788	83.2	78.2	5.0	76.3	.890	.80	83.1	85.1	W b S	0.3					
7 „	.695	.833	86.5	78.4	8.1	75.3	.862	.70	84.8	85·0	„	0.2					
8 „	.711	.833	87.4	79.0	8.4	75.9	.878	.69	85.9	85.1	„	0.3					
9 „	.725	.860	89·3	79.2	10.1	75.4	.865	.65	87.0	85.2	W	0.2					
10 „	.724	.819	90.8	80.5	10.3	76.8	.905	.65	87.7	85.4	WNW	0.2	None.	None.	None.	None.	None.
11 „	.718	.805	90.8	80.7	10.1	77.1	.913	.65	88.0	85.5	W	0.2					
Noon.	.707	.798	92.4	81.0	11.4	76.9	.909	.62	89.0	85.6	WNW	0.1					
1 p. m.	.691	.820	92.8	80.0	12.8	75.2	.861	.57	89·1	85.8	„	0.5					
2 „	.675	.795	93.0	80.5	12.5	75.9	.880	.58	89.1	86.0	„	0.6					
3 „	.665	.778	92.8	80.6	12.2	76.2	.887	.60	89.3	86.0	„	0.6					
4 „	.657	.779	91.3	80.0	11.3	75.9	.878	.62	89.0	86.1	„	0.5					
5 „	.659	·774	90.6	80.0	10.6	76.1	.885	.64	88.2	86.2	„	0.6					
6 „	.663	.696	88.6	81.4	7.2	78.9	.967	.74	87.3	86.2	„	0.4					
7 „	.681	.703	86.0	81·0	5.0	79.3	·978	.81	86.0	86.1	„	0.5					
8 „	.688	.702	84.9	80.9	4.0	79.5	.986	.84	85.8	86.0	„	0.5					
9 „	.704	.775	84·7	79.5	5.2	77.6	.929	.80	85.0	85.9	„	0.6					
10 „	.718	.789	84.7	79·5	5.2	77.6	.929	·80	84.7	85.8	W b N	0.5					
11 „	.718	.807	84.4	79.0	5·4	77.0	.911	.79	84.5	85.8	W	0.6					
June 20th-Midnight	.693	.740	84.4	80.0	4.4	78.4	.953	.83	85.0	85.5	NW b W	0.4					
1 a. m.	.680	.768	84.3	79.0	4.3	77.0	.912	·80	84·7	85.5	NW	0.6					
2 „	.668	.706	84.2	78.5	5.7	75.6	.872	.78	84.7	85.5	NW b W	0.8					
3 „	.655	.735	83.5	79.0	4.5	77.3	.920	.82	84.4	85.4	NNW	1.0	0.01				
4 „	.658	.752	81.0	78.0	3.0	76.8	.906	.88	83.0	85·2	NW b N	0.0	0.43				
5 „	.678	.763	80.2	78.0	2.2	77.2	.915	.91	82.1	85.2	NNW	0.2	0.01				
6 „	.696	.765	79.5	78.2	1.3	77.7	.931	.95	82.0	85.0	NNE	0.1					
7 „	.712	.775	80.1	78.5	1.6	77·9	.937	.93	82.0	84.8	NE b N	0.1					
8 „	.724	.798	81.7	78.7	3.0	77.5	.926	.88	82.0	84.8	W	0.1	0.02	+	16	14	1.7
9 „	·742	.822	80.5	78.2	2.3	77.3	.920	.91	82.0	84.6	W b N	0.3	0.06	—	Out of Sc.	Out of Sc.	Instantly.
10 „	.735	.810	81·2	78.5	2.7	77.5	.925	.89	82.0	84.6	NW b W	0.4	0.03				
11 „	.734	.836	79.6	77.4	2.2	76.6	.893	.91	81.7	84.6	NW	0.4	0.87	+	18	16	0.17

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇i cirri; ⌇⌇i cirro-cumuli; ⌒i cumuli; ⌣i cirro-strati; ⌒⌣i cumulo-strati; and ⌇⌣i nimbi.	
7	C	Overcast with ⌇⌣i moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°5. Daily fall of rain by Osler's Gauge 0·01 in.
7	B	D ⌇i and ⌇⌣i scattered throughout.	
8	B	Overcast; a few stars dimly visible here and there; light rain from full hour for about 7m.	
8	B	Overcast; ⌇⌣i moving ENE.	
8	B	Overcast; slight rain from 4h. 20m. to 4h. 26m.	
8	G	Overcast with ⌇⌣i moving E; drops of rain at full hour.	
7	G	⌇⌣i and ⌇⌣i scattered throughout; the latter moving E; mist along E hor.	
7	G	⌇i, ⌇⌣i and ⌇⌣i scattered throughout; ⌇⌣i moving E; mist along the hor.	
6	G	" " " "	
6	C	⌇⌣i and ⌇⌣i scattered throughout, the latter moving ENE; mist.	
6	C	⌇i in. SE; ⌇⌣i and ⌇⌣i throughout moving to ENE; mist.	
6	C	⌇i and ⌇⌣i in N; ⌇⌣i throughout moving ENE; slight rain began to fall at 11h. 36m.	
8	C	Overcast; drops of rain which were falling from last hour ceased at 0h. 10m; occasional thunder in. SE.	
7	B	⌇⌣i scattered throughout moving ENE.	
7	B	⌇⌣i scattered throughout moving ENE; drops of rain at 2h. 50m.	
5	B	⌒⌣i in NE; ⌇⌣i and ⌇⌣i throughout, ⌇⌣i moving E; haze in hor.	
4	B	⌒⌣i and ⌒i in NE and E hor; ⌇⌣i scattered throughout moving E; haze.	
5	G	" " " "	
5	G	" " " "	
5	G	⌒i extended from NE to E hor; ⌇i throughout; and ⌇⌣i moving from W to E.	
5	G	" " " "	
5	C	" " " "	
5	C	" " " "	
6	C	" " " "	
6	C	⌇i and ⌇⌣i scattered throughout.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°5.
4	B	" " "	
5	B	⌇i about the zenith; ⌇⌣i throughout moving E.	
7	B	⌇i and ⌇⌣i scattered throughout, ⌇⌣i moving E; slight rain from 3h. 40m. to 3h. 45m.	
5	B	⌇⌣i throughout moving ESE; drops of rain at 4h. 46m.	
5	G	⌇⌣i scattered throughout moving SE.	
5	G	⌇⌣i extended from N to SE; ⌇i and ⌇⌣i throughout; mist in E hor.	
5	G	⌇⌣i extended from N to SE; ⌇i and ⌇⌣i throughout; mist in hor. Rainbow at 7h. 42m.	
7	G	⌇i, ⌇⌣i and ⌇⌣i scattered throughout, ⌇⌣i moving E; mist in hor.	
7	C	" " " "	
5	C	⌇⌣i scattered throughout moving E; ⌇i here and there; mist in hor.	
6	C	" " " " "	
5	C	" " " " "	
5	B	⌇⌣i scattered throughout moving E; mist.	
4	B	⌒i in SE hor; ⌇⌣i and ⌇⌣i throughout, moving E; mist.	
6	B	" " "	
5	B	⌇i in N, W and SE of zenith; ⌇⌣i throughout moving E; mist in W.	
5	G	" " "	
5	G	⌇i and ⌇⌣i about the zenith; ⌇⌣i scattered about moving E.	
5	G	" " "	
3	G	" " "	
3	G	⌇i, ⌇⌣i and ⌇⌣i scattered about; lunar halo observed at 9h. 30m.	
4	G	⌇i, ⌇⌣i and ⌇⌣i throughout.	
6	G	" "	
7	C	⌇i, ⌇⌣i and ⌇⌣i scattered throughout, ⌇⌣i moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 86°5 and 85°5. Daily fall of rain by Osler's Gauge 2·53 in. Maximum tension of electricity by Henley's Apparatus 5·00. Maximum length of the spark by Ronald's Measure 0·06 in. 20th June was the 35th day on which lightning was observed, and 7th day on which thunder was recorded.
8	B	Overcast with ⌇⌣i and ⌇⌣i, the latter moving E.	
8	B	Overcast with ⌇⌣i moving E; drops of rain from 2h. 18m. to 2h. 45m.	
8	B	Overcast; rain began to fall at 3h. 12m. and ceased at 3h. 24m., but recommenced at 3h. 35m.	
8	B	Overcast; rain ceased at about 4h. 7m.; afterwards drops of rain began to fall, and lightning and thunder in W hor. occasionally.	
8	G	Overcast with ⌇⌣i in two strata, the lower stratum moving SE, and the upper one moving W; drops of rain; lightning and thunder in W.	
8	G	Overcast as above; slight rain now and then; no lightning or thunder.	
8	G	Overcast as above; lightly raining	
8	G	" "	
8	C	Overcast; raining lightly.	
8	C	Overcast with ⌇⌣i moving SE; rain ceased 4m. before the full hour; raining from 10h. 24m.	
8	C	Overcast; raining; thunder in W, SW and S of zenith.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 20th-Noon.	29.734	28.875	78°5	76°1	2°4	75°2	0.859	0.90	81°0	84°5	WNW	0.3	0.61	+	4		2.48
1 p. m.	.721	.829	78.6	77.0	1.6	76.4	.892	.93	80.6	84.5	SW	0.5	0.24	—	Out of Sc.	Out of Sc.	Instantly.
2 „	.692	.813	79.8	77.0	2.8	75.9	.879	.88	81.0	84.5	WSW	0.5	0.05				
3 „	.684	.796	82.6	78.0	4.6	76.2	.888	.82	82.0	84.5	SW	0.6					
4 „	.670	.760	80.6	78.0	2.6	77.0	.910	.89	81.5	84.5	W b S	0.3	0.07				
5 „	.665	.755	80.6	78.0	2.6	77.0	.910	.89	81.5	84.5	SW	0.5	0.04				
6 „	.680	.820	81.5	77.0	4.5	75.2	.860	.82	81.0	84.5	SW b W	0.7					
7 „	.693	.827	81.0	77.0	4.0	75.4	.866	.84	80.9	84.4	WSW	0 to 2					
8 „	.707	.839	80.8	77.0	3.8	75.5	.868	.85	80.7	84.2	„	1.0					
9 „	.725	.821	81.2	78.0	3.2	76.8	.904	.87	81.6	84.2	„	0.4					
10 „	.732	.821	80.5	78.0	2.5	77.0	.911	.90	81.3	84.2	W	½ to 2½	0.05				
11 „	.727	.834	80.0	77.4	2.6	76.4	.893	.89	81.3	84.2	W b N	0.7					
June 21st-Midnight	.723	.819	80.4	77.8	2.6	76.8	.904	.89	81.3	84.2	WNW	0.5					
1 a. m.	.698	.830	80.8	77.0	3.8	75.5	.868	.85	81.5	84.2	„	0.5					
2 „	.683	.812	80.5	77.0	3.5	75.6	.871	.86	81.3	84.1	W b N	0.3					
3 „	.681	.817	80.4	76.8	3.6	75.4	.864	.85	81.3	84.0	W b S	0.1					
4 „	.687	.849	80.0	76.0	4.0	74.4	.838	.84	81.1	83.9	„	0.2					
5 „	.691	.855	80.2	76.0	4.2	74.3	.836	.83	81.0	83.8	„	0.1					
6 „	.714	.866	80.9	76.5	4.4	74.8	.848	.82	81.0	83.7	WSW	0.2					
7 „	.746	.895	78.8	76.0	2.8	74.9	.851	.88	80.0	83.6	SW	0.4	0.08	—	Out of Sc.	Out of Sc.	Instantly.
8 „	.773	.906	77.4	76.0	1.4	75.5	.867	.94	79.8	83.5	„	0.2	0.31				
9 „	.782	.886	78.3	77.0	1.3	76.5	.896	.94	79.8	83.3	N	0.2	0.46				
10 „	.784	.832	81.4	79.2	2.2	78.4	.952	.91	81.0	83.3	N N E	0.2					
11 „	.793	.963	77.2	75.0	2.2	74.1	.830	.91	79.0	83.2	E N E	0.3	0.28				
Noon.	.781	.931	77.9	75.7	2.2	74.8	.850	.91	79.6	83.2	WNW	0.2	0.29				
1 p. m.	.768	.891	80.0	77.0	3.0	75.8	.877	.88	80.2	83.3	„	0.2					
2 „	.754	.863	80.6	77.5	3.1	76.3	.851	.87	81.0	83.4	S S E	0.3	0.01				
3 „	.733	.856	80.0	77.0	3.0	75.8	.877	.88	80.8	83.4	„	0.4					
4 „	.733	.980	77.4	73.0	4.4	71.1	.753	.82	79.2	83.4	WSW	0.4	0.06				
5 „	.741	.916	77.0	74.8	2.2	73.9	.825	.91	78.2	83.4	SW	0.5	0.02				
6 „	.738	.913	77.0	74.8	2.2	73.9	.825	.91	78.0	83.3	S b E	0.4	0.05				
7 „	.738	.915	77.8	75.0	2.8	73.8	.823	.88	78.0	83.2	S b W	0.4					
8 „	.760	.939	78.0	75.0	3.0	73.8	.821	.87	77.4	83.0	„	0.3					
9 „	.780	.911	77.2	76.0	1.2	75.5	.869	.95	77.4	83.0	SW b S	0.1	0.08				
10 „	.777	.894	78.4	76.7	1.7	76.0	.883	.93	78.7	83.0	„	0.1					
11 „	.772	.884	79.0	77.0	2.0	76.2	.888	.92	79.4	83.0	S b E	0.2					
June 22nd-Midnight	.768	.906	78.6	76.2	2.4	75.3	.862	.90	79.4	82.9	S b E	0.2					
1 a. m.	.755	.870	79.3	77.0	2.3	76.1	.885	.90	80.0	82.8	„	0.7					
2 „	.737	.852	79.3	77.0	2.3	76.1	.885	.90	80.0	82.7	„	1.0					
3 „	.735	.841	79.6	77.3	2.3	76.4	.894	.90	80.2	82.6	„	0.6					
4 „	.743	.922	78.0	75.0	3.0	73.8	.821	.87	79.3	82.6	„	0.4		—	Out of Sc.	50	0.1
5 „	.745	.929	79.2	75.2	4.0	73.6	.816	.84	79.3	82.6	S	0.2		—	20	18	1.0
6 „	.758	.909	79.0	76.0	3.0	74.8	.849	.88	79.3	82.5	S b W	0.1	0.06	+	10		2.27
7 „	.772	.895	80.7	77.2	3.5	75.8	.877	.86	80.0	82.5	S	0.1		+	. 1		Above 10 m.
8 „	.790	.917	80.4	77.0	3.4	75.7	.873	.86	80.0	82.5	SSE	0.1	0.10				
9 „	.806	.925	79.6	77.0	2.6	76.0	.881	.89	80.2	82.6	SE	0.1	0.03				
10 „	.805	.892	80.4	78.0	2.4	77.1	.913	.90	80.9	82.7	SE b S	0.1					
11 „	.797	.824	84.5	80.5	4.0	79.1	.973	.84	82.8	82.8	W b S	0.3					
Noon.	.790	.786	87.6	82.0	5.6	80.1	1.004	.79	84.9	82.9	WSW	0.2					
1 p. m.	.788	.842	86.3	80.2	6.1	78.0	0.941	.77	84.9	83.1	SW b W	0.3					
2 „	.770	.881	85.6	80.0	5.6	78.0	.939	.79	84.9	83.3	„	0.4					
3 „	.753	.804	86.7	80.5	6.2	78.3	.949	.77	85.1	83.6	WSW	0.3					
4 „	.742	.818	87.0	80.0	7.0	77.5	.924	.74	85.4	83.6	„	0.3					
5 „	.734	.800	86.1	80.0	6.1	77.8	.934	.77	85.0	83.6	SW b W	0.4					
6 „	.736	.814	81.5	78.5	3.0	77.4	.922	.88	82.4	83.6	SW	0.2	0.11				
7 „	.745	.909	81.6	76.4	5.2	74.3	.836	.80	82.0	83.6	S b W	0.3					
8 „	.755	.937	82.0	76.0	6.0	73.6	.816	.77	82.0	83.6	SW b W	0.2					
9 „	.774	.922	82.3	77.0	5.3	74.9	.852	.79	82.2	83.6	„	0.1					
10 „	.785	.906	81.7	77.5	4.2	75.9	.879	.83	82.0	83.6	SW	0.2					
11 „	.784	.908	82.2	77.6	4.6	75.8	.873	.82	82.0	83.5	WSW	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ∿ cirri; ∿∿ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩∿ cumulo-strati; and ∿∿ nimbi.	
8	C	Overcast; raining lightly; occasional thunder in W and S of zenith.	
8	B	Overcast; raining lightly.	
8	B	Overcast with ∿∿ moving ENE; a break in E; rain ceased at 2h. 15m.	
8	B	Overcast with ∿∿ moving SE; shower of rain commenced at 3h. 52m.	
8	B	Overcast with ∿∿ moving E; raining now and then; gusts of wind.	
8	G	Overcast; no rain; gusts of wind.	
8	G	" "	
8	G	Overcast with ∿∿ moving NE; ∿∿ in W.	
8	G	Overcast with ∿∿ moving NE; a few stars dimly visible.	
8	C	Overcast; light rain from 9h. 10m. to 9h. 52m.	
8	C	Overcast with ∿∿ moving E.	
7	C	" "	
8	C	Overcast with ∿∿ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 86°4 and 85°5. Daily fall of rain by Osler's Gauge 1·57 in. Maximum tension of electricity by Henley's Apparatus 8. Maximum length of the spark by Ronald's Measure 0·10 in. At 4 P.M. the temperature of evaporation and that of the calculated dew-point was lowest during the month.
8	B	" "	
6	B	∿∿ all around hor.; ∿∿ throughout moving slowly to E.	
5	B	∩∿ in NE and E hor; ∿∿ scattered throughout.	
5	B	∩∿ from N to NE; ∿∿, ∿∿ and ∿∿ scattered throughout.	
7	G	Overcast with ∿∿, ∿∿ and ∿∿; ∿∿ moving ENE.	
7	G	Overcast with ∿∿, ∿∿ and ∿∿; slight rain after 6h. 46m.	
8	G	Overcast; raining lightly.	
8	G	" "	
8	C	Overcast; rain ceased at 9h. 11m.	
8	C	Overcast; smart showers of rain.	
8	C	Overcast; raining lightly.	
8	C	" "	
8	B	Overcast with ∿∿ moving E; raining lightly.	
8	B	" " "	
8	B	" " "	
8	B	" " "	
8	G	" " "	
8	G	" " "	
8	G	Overcast with ∿∿ and ∿∿ moving E. [to 8h. 49m	
8	G	Overcast with ∿∿ and ∿∿ moving E; a few stars dimly visible; light rain from 8h. 8m.	
8	C	Overcast with ∿∿ moving NNE.	
8	C	Overcast with ∿∿ moving NNE; drops of rain from 10h. 31m. to 10h. 39m.	
8	C	Overcast; slight rain.	
8	C	Overcast with ∿∿ moving ENE.	Mean daily temperature of ground 20 and 60 inches below its surface 86°1 and 85°5. Daily fall of rain by Osler's Gauge 0·30 in. At noon the temperature of calculated dew-point was 80°1, greatest in the month and about 2°3 greater than the normal mean. 22nd June was the 36th day on which lightning was observed, and 8th day on which thunder was heard.
8	B	" "	
8	B	" "	
8	B	Overcast with ∿∿ moving NE; lightning accompanied with thunder in N and NE of zenith after 3h. 40m.	
8	B	Overcast; lightning in NE at intervals of 4m.; no thunder.	
8	G	Overcast; lightning in NE; raining lightly from 5h. 32m.	
8	G	Overcast with ∿∿ moving slowly to E; raining very lightly.	
8	G	Overcast; a shower of rain at 7h. 16m. which lasted 10m.	
8	G	Overcast; raining lightly.	
8	C	Overcast; rain ceased at 9h. 17m.	
8	C	Overcast.	
8	C	"	
8	C	"	
8	B	Overcast with ∿∿ moving ENE.	
8	B	" "	
8	B	" "	
8	B	" " [double Rainbow in E.	
8	G	∿∿ and ∿∿ scattered throughout; former moving to W and the latter to E; a smart shower of rain at 5h. 30m. lasted 4m.; a	
8	G	∿∿ and ∿∿ throughout; the former moving E and the latter W.	
7	G	" " "	
7	G	" " "	
4	C	∿∿ scattered about moving E; ∿∿ here and there; and ∿ in E of zenith.	
6	C	∿∿ scattered around hor.; ∿∿ and ∿ about the zenith.	
6	C	∿ in E of zenith; ∿∿ and ∿∿ scattered throughout moving E.	

Bombay Civil Time, 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 Inch in the Ground.	Ground Thermometers. Thermometer 6 Inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 23rd-Midnight	29.777	28.922	82°0	77°0	5°0	75°0	0.855	0·80	82°0	83.5	WSW	0.6					
1 a. m.	.758	.888	81·4	77.2	4.2	75.6	.870	.83	82.0	83.5	SW b W	0.3					
2 „	.750	·853	81.8	78.0	3.8	76.5	·897	.85	82.4	83.5	WSW	0.2					
3 „	.731	.863	80.8	77.0	3.8	75.5	·868	.85	81.3	83.5	„	0.4					
4 „	.733	·860	80.4	77.0	3.4	75.7	·873	.86	81.0	83.5	W	0.3					
5 „	.751	·846	81.1	78.0	3.1	76.8	·905	.87	81.0	83.4	„	0·1					
6 „	.767	·918	79.0	76·0	3.0	74.8	·849	.88	80.8	83.3	SSW	0.1	0.16				
7 „	.776	.905	80.5	77.0	3.5	75.6	·871	.86	81.2	83.2	SW b W	0.0					
8 „	.797	.911	79.2	77.0	2.2	76.1	·886	.91	80.2	83.2	NW	0.1	0.42				
9 „	.788	.884	78.3	77.2	1.1	76.8	.904	.95	79.2	83.0	SW	0.1	0.16				
10 „	.793	·876	80.0	78.0	2.0	77.2	·917	.92	80.0	83.0	S	0.1	0.13	None.	None.	None.	None.
11 „	.804	.938	81.0	77.0	4.0	75.4	.866	.84	81·0	83.1	SSE	0.1					
Noon.	.781	.906	80.2	77.0	3.2	75 8	·875	.87	80.8	83.2	WNW	0.1	0.12				
1 p. m.	·773	·856	80.0	78.0	2.0	77.2	·917	.92	80.8	83.1	WSW	0.2	0·16				
2 „	·756	·856	81.5	78.0	3.5	76.6	·900	.86	81.5	83.1	SSW	0.2					
3 „	.746	·847	79.9	77.5	2 4	76.6	.899	.90	80.4	83.0	SW b W	1.0	0.08				
4 „	.733	.841	78·6	77.0	1.6	76.4	·892	.93	80.0	83.0	WSW	0.1	0.33				
5 „	.754	.875	78.0	76.5	1.5	75.9	·879	.94	79.6	83.0	SW	½ to 3½	0.28				
6 „	.768	.889	78.0	76.5	1.5	75.9	·879	.94	79.3	83.0	W	0.4	0.15				
7 „	·784	.955	77.3	75.0	2.3	74.1	·829	.90	79.0	82.8	„	0.2	0.21				
8 „	·788	·928	78.0	76·0	2.0	75.2	·860	.92	79.2	82.7	„	0.2	0.15				
9 „	.796	.942	76.8	75.0	1.8	74.3	·834	.92	78.4	82.7	SW	0.3	0.05				
10 „	.812	·983	77.3	75.0	2.3	74.1	·829	.90	78.0	82.6	SW b S	0.5	0.06				
11 „	.810	29·024	76.0	73.5	2.5	72.4	.786	.89	77.9	82.5	WSW	1.0	0.05				
June 24th-Midnight	.805	.024	75.5	73.2	2.3	72.2	.781	.90	77.5	82.4	NW	0.4	0.11				
1 a. m.	.791	28.959	76.7	75.2	1.5	74.2	·832	.93	77.8	82.4	W b S	0.2	0.12				
2 „	.780	.941	76.4	75.0	1.4	74.4	·839	.93	77.7	82.4	WSW	0.3	0.27				
3 „	.770	.946	76.0	74.5	1.5	73.9	·824	.93	77.5	82.3	W	0.2	0.08				
4 „	.769	.940	77.3	75·0	2.3	74.1	·829	.90	78·1	82.2	WNW	0.7					
5 „	.771	.874	77.5	75.0	2.5	74.4	·837	.89	78.0	82.1	W b N	0.5	0.07				
6 „	.785	.953	77.0	75.0	2.0	74.2	·832	.91	78.0	82.0	W b S	0.3	0.05				
7 „	.799	.979	77.7	74.9	2.8	73.7	.820	.88	78.0	81·8	SW b W	0.2	0.01				
8 „	.804	.944	78.0	76.0	2.0	75.2	.860	.92	78.5	81.8	SW b S	0.1					
9 „	.813	.923	78.8	77.0	1.8	76.3	·890	.92	78.7	81.9	SSE	0.6	0.01				
10 „	.818	.931	79.1	77.0	2.1	76.2	·887	.91	79·0	82.0	NW	0.2	0.05				
11 „	.816	.935	79.6	77.0	2.6	76.0	·881	.89	79.7	82.1	WNW	0.2		None.	None.	None.	None.
Noon.	.805	.930	80.2	77.0	3.2	75.8	.875	.87	80.1	82.2	W b N	0.2					
1 p. m.	.785	.935	82.3	77.2	5.1	75.2	.860	.80	81.5	82.3	WSW	0.4					
2 „	.772	.900	82.3	77.5	4.8	75.6	.872	.81	81.8	82.4	„	0.6					
3 „	.752	.925	81.0	76.0	5.0	74.0	.827	.80	81.0	82.3	W	0.6					
4 „	.750	.916	80.4	76.0	4.4	74.3	·834	.82	80.9	82.3	„	0.7	0.01				
5 „	.735	.897	80.0	76.0	4.0	74.4	.838	.84	80.2	82.2	„	0.6	00.2				
6 „	.745	.901	80.2	76.2	4.0	74.6	.844	.84	80.2	82.1	„	0.4					
7 „	.751	.907	80.2	76.2	4.0	74.6	.844	.84	80.2	82.1	W b N	0 3					
8 „	.749	·872	80.7	77.2	3.5	75.8	·877	.86	80.5	82.1	WSW	0.2					
9 „	.762	.905	80.0	76.5	3 5	75.1	·857	.86	80.4	82.1	WNW	0.3	0.07				
10 „	.772	.893	79.8	77.0	2.8	75.9	·879	·88	80.4	82.1	WSW	0.1					
11 „	.764	.887	80.0	77.0	3.0	75.8	·877	.88	80.5	82.1	„	0.1					
June 25th-Midnight	.743	.864	79.8	77.0	2.8	75.9	.879	.88	80.3	82.1	W b S	0.4					
1 a. m.	.723	.830	80.4	77.5	2.9	76.4	.893	.88	80·5	82.1	W	0.5					
2 „	.707	.837	80.6	77.0	3.6	75.6	.870	.85	80.8	82.1	„	0.5					
3 „	.702	.832	80.6	77.0	3.6	75.6	.870	·85	80.8	82·1	SW b W	0.6	0.02				
4 „	.689	.836	78.6	76.0	2.6	75.0	.853	.89	80.0	82.0	WNW	0·6					
5 „	.698	.847	78.8	76.0	2.8	74.9	.851	.88	80.0	82.0	W b S	0.4					
6 „	.720	.882	80.0	76.0	4.0	74.4	.838	.84	80.2	82.0	„	0.2		None.	None.	None.	None.
7 „	.735	.886	80.4	76.4	4.0	74.8	.849	.84	80·4	82.0	WSW	0.3					
8 „	.743	.883	81.5	77.0	4.5	75·2	.860	.82	80.8	82.1	„	0.2					
9 „	.762	.920	79.6	76.0	3.6	74.6	.842	.85	80.2	82.2	NW b N	0.2					
10 „	.784	.917	77.4	76.0	1.4	75.5	.867	.94	79.2	82.2	E	0.0	0.23				
11 „	.773	.905	77.3	76.0	1.3	75.5	·868	.94	80.2	82.1	E b N	0.1	0.31				

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ∿ cirri; ∿ cirro-cumuli; ∩ cumuli; ⌒ cirro-strati; ∩ cumulo-strati; and ∿ nimbi.	
8	C	Overcast with ∿ moving E; drops of rain at 0h. 6m.	Mean daily temperature of ground 20 and 60 inches below its surface 85°9 and 85°5. Daily fall of rain by Osler's Gauge 2·57 in.
8	B	Overcast with ∿ moving ENE.	
8	B	" "	
8	G	Densely overcast with ∿ moving E.	
8	G	" "	
7	C	Overcast; shower of rain at 5h. 35m. lasted 10m.; rain began to fall again at 5h. 56m.	
7	C	∿ in W and about the zenith; ∿ throughout moving E; rain ceased at 6h. 4m.	
8	B	Overcast; heavy shower of rain at 7h. 20m. lasted 13m. and then raining lightly.	
8	B	Overcast with ∿ moving ENE; raining lightly now and then.	
8	G	Overcast; raining lightly; a smart shower of rain at 9h. 44m.	
8	G	Overcast; slight rain.	
8	C	Overcast; a shower of rain accompanied with gusts of wind at 11h. 11m. lasted about 5m.	
8	C	Overcast; a shower of rain at 0h. 28m. lasted 12m.	
8	B	Overcast with ∿ moving E; drizzling rain.	
8	B	" " "	
8	G	Overcast; showers of rain now and then.	
8	G	Overcast; showers of rain now and then; squally wind from 4h. 45m. for about 15m.	
8	C	Overcast with ∿ moving to E; raining lightly.	
8	C	Overcast; raining lightly.	
8	B	" "	
8	B	" "	
8	G	" "	
8	G	" "	
8	C	" "	
8	C	Overcast with ∿ moving E; raining.	Mean daily temperature of ground 20 and 60 inches below its surface 85°6 and 85°6. Daily fall of rain by Osler's Gauge 0·92 in. Reading of barometer corrected for temperature at 10 A. M. was 29·818, greatest in the month, and about 0·116 in. greater than the normal mean; at Midnight the temperature of free air was 75°5, lowest in the month.
8	B	" "	
8	B	" "	
8	B	Overcast; light rain now and then.	
8	B	Overcast; no rain.	
8	G	Overcast; light rain.	
8	G	" "	
8	G	" "	
8	G	Overcast; drops of rain at 8h. 21m. and again at 8h. 34m.	
8	C	Overcast; slight rain.	
8	C	Overcast; a shower of rain at full hour, lasted 5m.	
8	C	Overcast with ∿ moving NE.	
8	C	" "	
8	B	" "	
8	B	Overcast with ∿ moving E; squally wind.	
8	B	Overcast; slight rain.	
8	B	Overcast; drizzling rain.	
8	G	Overcast; drizzling rain; rain ceased at 6h. 43m.	
8	G	Overcast with ∿ moving ESE.	
8	G	Overcast with ∿ moving ESE; drops of rain.	
8	G	Overcast; a few stars dimly visible in the zenith; a shower of rain at 8h. 23m., lasted 8m.	
8	C	Overcast.	
8	C	Overcast.	
8	C	Overcast; drops of rain from 11h. 20m. to 11h. 31m.	
8	C	Overcast with ∿ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°6 and 85°7. Daily fall of rain by Osler's Gauge 0·73 in.
8	B	" "	
8	B	Overcast with ∿ moving E; a shower of rain at 2h. 40m., lasted 2m.	
8	B	Overcast with ∿ moving E.	
8	B	" "	
8	G	" "	
8	G	" "	
8	G	" "	
8	G	Overcast with ∿ moving E; raining from 8h. 40m.	
8	C	Overcast with ∿ moving SE; lightly raining.	
8	C	Overcast with ∿ moving S; lightly raining.	
8	C	Overcast with ∿ moving ENE; raining.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 8 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering one degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 25th-Noon.	29.745	28.885	78·0	76·0	2·0	75·2	0·860	0.92	79·0	82·1	SSE	0.3	0.05				
1 p. m.	.744	.841	79.8	77.6	2.2	76.7	.903	.91	79.7	82.1	SE b E	0.3	0.04				
2 „	.736	.835	80.0	77.6	2.4	76.7	.901	.90	80.0	82.2	NNW	0.1	0.01				
3 „	.714	.829	79.3	77.0	2.3	76.1	.885	.90	80.0	82.2	WNW	0.2	0.02				
4 „	.708	.826	79.5	77.0	2.5	76.0	.882	.90	80.0	82.3	NW	0.2	0.02				
5 „	.703	.822	79.6	77.0	2.6	76.0	.881	.89	80.0	82.3	NW b W	0.2					
6 „	.703	.801	79.6	77.5	2.1	76.7	.902	.91	80.0	82.3	S	0.2	0.01	None.	None.	None.	None.
7 „	.718	.830	79.0	77.0	2.0	76.2	.888	.92	79.8	82.3	„	0.4					
8 „	.730	.842	79.0	77.0	2.0	76.2	.888	.92	79.8	82.2	„	0.2	0.04				
9 „	.730	.837	79.3	77.2	2.1	76.4	.893	.91	79.9	82.2	SW b W	0.1					
10 „	.740	.839	79.7	77.5	2.2	76.7	.901	.91	80·1	82.1	SSW	0.1					
11 „	.729	.812	80.0	78.0	2.0	77.1	.917	.92	80.3	82.0	S b W	0.2					
June 27th-Midnight	.737	.764	81.8	79.8	2.0	79.1	.973	.92	82.2	82.5	W b N	0.3					
1 a. m.	.714	.772	81.5	79.0	2·5	78.1	.942	.90	81.6	82.5	„	0.6	0.05				
2 „	.698	.750	81·0	79·0	2.0	78.3	.948	.92	81.4	82.5	WNW	0.6	0.17				
3 „	.689	.741	81·0	79.0	2.0	78.3	.948	.92	81.3	82.4	„	0.7	0.16				
4 „	.694	.761	80.5	78.5	2·0	77.8	.933	.92	81.0	82.4	„	0.7	0.14				
5 „	.696	.782	80.3	78.0	2.3	77.1	.914	.90	80.7	82.4	NW	0.6	0.13				
6 „	.697	.835	78.6	76.2	2.4	75.3	.862	.90	78.7	82.4	NNW	1.6	0.24				
7 „	.720	.861	78.5	76.1	2.4	75.2	.859	.90	78.7	82.3	NW	1.0	0.13				
8 „	.733	.848	79.3	77.0	2.3	76.1	.885	.90	79.2	82.1	„	1.2					
9 „	.753	.793	81.4	79.4	2.0	78.7	.960	.92	80.0	82.2	NNW	0.7	0.01				
10 „	.760	.841	80.2	78.1	2.1	77.3	.919	.91	80.4	82.2	NW b N	0.3	0.03	+	20	20	0.4
11 „	.745	.810	80.7	78.6	2.1	77.8	.935	.90	81.0	82.3	NNW	0.3		+	12	10	0.7
Noon.	.735	.741	83.0	80.6	2.4	79.8	.994	.90	81.8	82.4	„	0.2	0.12				
1 p. m.	.721	.738	83.6	80.5	3·1	79.4	.983	.88	82.4	82.6	W b N	0.1	0.02				
2 „	.697	.703	84.5	81.0	3.5	79.8	.994	.86	83.5	82.6	SW b W	0.3					
3 „	.678	.684	84.5	81.0	3.5	79.8	.994	.86	83.5	82.7	W	0.3					
4 „	.672	.736	82.8	79.2	3·6	77.9	.936	.86	82.8	82.8	WNW	0.5					
5 „	.674	.750	83.2	79.0	4.2	77.5	.924	.83	83.0	82.9	„	0·4					
6 „	.686	.729	82.9	79.7	3.2	78.6	.957	.87	82.7	82.9	„	0.6					
7 „	.701	.765	82.8	79.2	3·6	77.9	.936	.86	82.0	82.8	„	0.5					
8 „	.727	.790	82.0	79.0	3.0	77.9	.937	.88	82.0	82.8	„	0.4					
9 „	.739	.783	81.8	79.4	2.4	78.5	.956	.90	82.0	82.8	W	0.3	0.01				
10 „	.751	.794	81.7	79.4	2.3	78.6	.957	.91	82.0	82.8	WSW	0.1	0.02				
11 „	.749	.792	81.3	79.3	2.0	78.6	.957	.92	82.0	82.8	„	0.1	0.01				
June 28th-Midnight	.743	.786	81.3	79.3	2.0	78.6	.957	.92	82.0	82.8	WSW	0.2	0.01				
1 a. m.	.711	.769	81.5	79.0	2.5	78.1	.942	.90	82.0	82.7	„	0.2					
2 „	.688	.755	80.5	78·5	2.0	77.8	.933	.92	81.5	82.7	„	0.6					
3 „	.691	.834	78.3	76.0	2.3	75.1	.857	.90	80.3	82.6	„	0.6	0.23				
4 „	.688	.800	79.0	77.0	2.0	76.2	.888	.92	80.3	82.5	W	0.6	0.32				
5 „	.699	.811	79.7	77.2	2.5	78.2	.888	.90	80.7	82.4	W b N	0.5	0.09				
6 „	.711	.846	81.4	77.2	4.2	75.6	.870	.83	81·0	82.4	„	0.6	0.02				
7 „	.742	.872	81.4	77.2	4.2	75.6	.870	.83	81.0	82.4	W	0.4					
8 „	.755	.885	81.4	77.2	4.2	75.6	.870	.83	81.0	82.4	„	0.3	0.02				
9 „	.770	.861	81.8	78.3	3.5	76.9	.909	.86	81.5	82.5	WSW	0.3	0.01				
10 „	.774	.827	81.8	79.2	2.6	78.2	.947	.89	81·9	82.6	SW b W	0.3	0.03				
11 „	.763	.791	83.4	80.2	3.2	79.1	.972	.87	82.6	82.7	WSW	0.2					
Noon.	.759	.787	83.4	80.2	3.2	79.1	.972	.87	82.3	82.8	SW b W	0.1		None.	None.	None.	None.
1 p. m.	.735	.767	83.0	80.0	3.0	78.9	.968	.88	83.0	82.9	W	0.3					
2 „	.723	.776	83.0	79·5	3.5	78.2	.947	.86	83.0	83.0	„	0.2					
3 „	.713	.745	83.0	80.0	3.0	78.9	.968	.88	83.0	83.0	WSW	0.4					
4 „	.708	.768	82.5	79.2	3.3	78.0	.940	.87	82.6	83.0	„	0.3					
5 „	.711	.777	82.3	79.0	3.3	77.8	.934	.87	82.6	83·2	SW b W	0.4					
6 „	.715	.782	82.0	78.9	3.1	77.8	.933	.87	82.5	83.2	WSW	0.3	0.02				
7 „	.719	.786	82.0	78.9	3.1	77.8	.933	.87	82.1	83.2	SW b W	0.2					
8 „	.733	.824	81.8	78.3	3.5	76.9	.909	.86	82·0	83.2	„	0.3					
9 „	.759	.819	81.7	79.0	2.7	78.0	.940	.89	82.0	83.1	WSW	0·3					
10 „	.763	.823	81.7	79.0	2.7	78.0	.940	.89	82.0	83.1	SW b W	0.1					
11 „	.757	.817	81.7	79.0	2.7	78.0	.940	.89	82.0	83.1	SW	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: cirri; cirro-cumuli; cumuli; cirro-strati; cumulo-strati; and nimbi.	
8	C	Overcast with moving ENE; raining.	
8	B	Overcast; light rain.	
8	B	" "	
8	B	" "	
8	B	" "	
8	G	Overcast; passing rain at 5h. 10m.	
8	G	Overcast; no rain.	
8	G	Overcast; drops of rain.	
8	G	Overcast with moving E; a few stars dimly visible in zenith; a shower of rain at 8h. 23m., lasted 8m	
8	C	Overcast with moving E; a few stars dimly visible in zenith; no rain.	
8	C	" " " "	
8	C	Overcast with moving E; drops of rain.	
8	C	Overcast with moving E; light rain.	Mean daily temperature of ground 20 and 60 inches below its surface 85°2 and 85°7. Daily fall of rain by Osler's Gauge 1·24 in.
8	B	" " "	
8	B	Overcast with moving ESE; showers of rain.	
8	B	" " "	
8	B	Overcast; raining.	
8	G	" "	
8	G	" "	
8	G	Overcast; drizzling rain.	
8	G	Overcast; slight rain.	
8	C	" "	
8	C	Overcast; light rain from 10h. 6m. to 10h. 36m.	
8	C	Overcast; raining.	
8	C	" "	
8	B	Overcast; slight rain.	
8	B	Overcast with moving ESE.	
8	B	" "	
8	B	" "	
8	G	" "	
8	G	Overcast; drops of rain at 6h. 54m.	
8	G	Overcast; slight rain.	
8	G	Overcast with moving ENE; lightly raining from 8h. 10m.	
8	C	Overcast; lightly raining.	
8	C	" "	
8	C	Overcast with moving E; rain ceased at 11h. 26m.	
8	C	Overcast with moving E; light rain.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 85°6. Daily fall of rain by Osler's Gauge 0·76 in.
8	B	Overcast with moving E; big drops of rain from 1h. 55m. to 1h. 59m.	
8	B	Overcast with moving E; lightly raining; gusts of wind from 2h. 20m.	
8	B	Overcast; raining lightly; fresh breezes of wind.	
8	B	Overcast; raining lightly.	
8	G	" "	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	Overcast with moving ENE; raining lightly to the end of the hour.	
8	C	Overcast with moving ENE; no rain.	
8	C	" " "	
8	C	Overcast; slight rain from 0h. 30m., lasted 5m.	
8	B	Overcast with moving E; drops of rain.	
8	B	Overcast with moving E; drizzling rain.	
8	B	" " "	
8	B	" " "	
8	G	" " "	
8	G	Overcast with moving E.	
8	G	" "	
8	G	Overcast with moving E; a few stars dimly visible here and there; drops of rain at 8h. 54m.	
8	C	Overcast; a few stars dimly visible.	
8	C	" "	
8	C	" "	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
															Readings of		
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Straws of Volta 1.	Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
June 29th-Midnight	29.751	28.811	81°7	79°0	2°7	78°0	0.940	0.89	82°0	83°1	SW b S	0.1					
1 a. m.	.730	.853	80.7	77.2	3.5	75.8	.877	.86	81.4	83.1	SW	0.4					
2 „	.718	.824	80.3	77.5	2.8	76.4	.894	.88	81.1	83.0	S	0.3					
3 „	.701	.809	80.5	78.0	2.5	76.4	.892	.90	81.2	82.9	SW b W	0.3	0.01				
4 „	.701	.795	81.0	78.0	3.0	76.8	.906	.88	81.5	82.9	„	0.5					
5 „	.707	.785	81.5	79.0	2.5	78.1	.942	.90	81.3	82.9	SW	0.4					
6 „	.728	.766	81.7	79.5	2.2	78.7	.962	.91	81.5	82.8	„	0.5					
7 „	.745	.766	82.0	80.0	2.0	79.3	.979	.92	81.8	82.7	„	0.6					
8 „	.765	.795	82.8	80.0	2.8	79.0	.970	.89	82.0	82.7	„	0.5					
9 „	.780	.802	84.0	80.5	3.5	79.3	.978	.86	83.0	82.8	SW b W	0.4					
10 „	.784	.815	85.2	80.6	4.6	79.0	.969	.82	83.9	82.9	„	0.3					
11 „	.782	.807	87.5	81.3	6.2	79.2	.975	.77	85.1	83.0	SW	0.3		None.	None.	None.	None.
Noon.	.770	.790	87.0	81.3	5.7	79.3	.980	.79	85.3	83.1	„	0.3					
1 p. m.	.750	.822	86.6	80.0	6.6	77.6	.928	.76	85.1	83.3	WSW	0.3					
2 „	.740	.799	86.2	80.2	6.0	78.0	.941	.77	85.1	83.5	„	0.5					
3 „	.723	.820	85.1	79.0	6.1	76.7	.903	.77	84.5	83.6	„	0.3					
4 „	.719	.801	85.7	79.5	6.2	77.3	.918	.77	84.7	83.6	SW	0.4					
5 „	.720	.812	84.6	79.0	5.6	76.9	.908	.79	83.9	83.6	WSW	0.3					
6 „	.729	.857	84.2	78.5	5.7	75.6	.872	.78	83.6	83.7	„	0.2					
7 „	.734	.847	83.1	78.1	5.0	76.2	.887	.80	83.0	83.8	„	0.4					
8 „	.748	.862	82.8	78.0	4.8	76.1	.886	.81	82.8	83.8	„	0.7					
9 „	.761	.865	82.3	78.1	4.2	76.5	.896	.83	82.6	83.7	„	0.4					
10 „	.763	.859	82.3	78.3	4.0	76.8	.904	.84	82.6	83.7	„	0.2					
11 „	.753	.846	82.0	78.3	3.7	76.9	.907	.85	82.4	83.6	„	0.3					
June 30th-Midnight	.737	.839	81.7	78.0	3.7	76.6	.898	.85	82.2	83.6	WSW	0.2					
1 a. m.	.714	.821	81.4	77.8	3.6	76.4	.893	.85	82.0	83.5	„	0.4					
2 „	.707	.805	81.4	78.0	3.4	76.7	.902	.86	82.0	83.5	„	0.4					
3 „	.695	.812	81.3	77.5	3.8	76.0	.883	.85	81.7	83.4	„	0.6					
4 „	.700	.817	81.3	77.5	3.8	76.0	.883	.85	81.7	83.4	„	0.5					
5 „	.708	.825	81.3	77.5	3.8	76.0	.883	.85	81.5	83.3	„	0.6					
6 „	.724	.815	81.8	78.3	3.5	76.9	.909	.86	81.7	83.3	„	0.7					
7 „	.741	.869	82.3	77.5	4.8	75.6	.872	.81	82.0	83.2	„	0.4					
8 „	.753	.880	84.0	78.0	6.0	75.7	.873	.77	82.9	83.2	SW b W	0.3					
9 „	.768	.868	84.2	78.7	5.5	76.6	.900	.79	83.3	83.3	WSW	0.5					
10 „	.768	.838	85.0	79.6	5.4	77.7	.930	.79	83.5	83.3	„	0.6	0.01	None.	None.	None.	None.
11 „	.759	.814	87.0	80.5	6.5	78.2	.945	.76	84.8	83.4	„	0.7					
Noon.	.744	.804	87.5	80.5	7.0	78.0	.940	.74	85.2	83.5	SW b W	0.7					
1 p. m.	.727	.814	88.0	80.0	8.0	77.1	.913	.71	85.9	83.6	„	0.6					
2 „	.713	.789	88.2	80.3	7.9	77.5	.924	.71	86.2	83.9	„	0.7					
3 „	.699	.786	88.0	80.0	8.0	77.1	.913	.71	86.1	84.0	„	0.8					
4 „	.697	.786	86.3	79.5	6.8	77.0	.911	.75	85.5	84.1	„	0.7					
5 „	.697	.796	85.3	79.0	6.3	76.7	.901	.76	85.0	84.2	WSW	0.6					
6 „	.700	.775	83.8	79.2	4.6	77.5	.925	.82	83.8	84.1	„	0.5	0.01				
7 „	.706	.787	83.6	79.0	4.6	77.3	.919	.82	83.3	84.0	SW b W	0.6					
8 „	.716	.828	82.6	78.0	4.6	76.2	.888	.82	83.0	83.9	WSW	0.7					
9 „	.731	.838	82.2	78.0	4.2	76.4	.893	.83	82.7	83.38	„	0.9					
10 „	.731	.859	81.2	77.2	4.0	75.6	.872	.84	82.4	83.7	„	1.0					
11 „	.720	.848	81.2	77.2	4.0	75.6	.872	.84	82.2	83.7	„	0.4					
July 1st-Midnight	.706	.807	81.6	78.0	3.6	76.6	.889	.86	82.2	83.7	SW b W	0.3					
1 a. m.	.681	.772	81.5	78.2	3.3	76.9	.909	.87	82.1	83.6	„	0.5					
2 „	.669	.805	81.2	77.0	4.2	75.4	.864	.83	81.6	83.6	„	0.6					
3 „	.669	.805	81.2	77.0	4.2	75.4	.864	.83	81.6	83.5	WSW	0.6					
4 „	.669	.809	81.5	77.0	4.5	75.2	.860	.82	81.8	83.5	„	0.6					
5 „	.677	.794	81.3	77.5	3.8	76.0	.883	.85	83.2	83.5	„	0.4	0.01	None.	None.	None.	None.
6 „	.695	.818	80.7	77.2	3.5	75.8	.877	.86	82.7	83.4	SW b W	0.6					
7 „	.705	.856	82.5	77.0	5.5	74.8	.849	.79	83.0	83.3	WSW	0.4					
8 „	.718	.814	85.0	79.0	6.0	76.8	.904	.77	83.0	83.3	„	0.3					
9 „	.731	.830	85.3	79.0	6.3	76.7	.901	.76	83.5	83.3	W b S	0.4					
10 „	.735	.836	86.4	79.2	7.2	76.5	.897	.73	84.6	83.4	„	0.4					
11 „	.726	.782	87.5	80.6	6.9	78.1	.944	.75	85.5	83.6	„	0.5					

Amount of Clouds. 0—8	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇ cirri; ⌇⌇ cirro-cumuli; ⌒ cumuli; ⌇⌒ cirro-strati; ⌒⌒ cumulo-strati; and ⌇⌇ nimbi.	Remarks.
8	C	Overcast with ⌇⌇ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 85°6. Daily fall of rain by Osler's Gauge 0·01 in.
8	B	" "	
8	B	Overcast with ⌇⌇ moving ENE; passing shower of rain at 2h. 39m.	
7	B	⌇⌇ scattered throughout moving E.	
8	B	Overcast with ⌇ and ⌇⌇, the latter moving E; a few stars dimly visible in S.	
8	G	Overcast with ⌇⌇ moving E.	
7	G	⌇ and ⌇⌇ in W above hor.; ⌇⌇ throughout moving E.	
8	G	Overcast with ⌇⌇ moving E; haze in hor.	
8	G	" " "	
8	C	" " "	
8	C	" " "	
8	C	" " "	
8	C	Overcast with ⌇⌇ moving E; haze in hor.; slight rain after 0h. 15m.	
8	B	Overcast with ⌇⌇ moving E; haze in hor.	
8	B	Overcast with ⌇⌇ moving ENE; mist in hor.	
8	B	" " "	
8	B	" " "	
8	G	⌇⌇ and ⌇⌇ scattered throughout, the latter moving ENE; haze.	
8	G	⌇⌇ and ⌇⌇ scattered throughout; the former moving to W and the latter moving to E.	
8	G	" " " "	
7	G	" " " "	
7	C	" " " "	
7	C	" " " "	
6	C	" " " "	
6	C	⌇⌇ about the zenith, and ⌇⌇ throughout moving ENE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°1 and 85°6. Daily fall of rain by Osler's Gauge 0·02 in.
3	B	⌇⌇ scattered around hor.	
5	B	⌇⌇ scattered throughout moving ENE; drops of rain at 2h. 18m.	
5	B	⌇⌇ scattered about moving ENE.	
5	B	" "	
6	G	" "	
7	G	⌇, ⌇⌇, and ⌇⌇ scattered throughout; ⌇⌇ moving E; haze in E hor.	
7	G	" " " "	
7	G	" " " "	
8	C	Overcast with ⌇⌇ moving ENE; light rain at 9h. 10m.	
7	C	⌇⌇ scattered throughout moving ENE; haze in hor.	
6	C	⌇ in W and S above the hor.; ⌇⌇ and ⌇⌇ throughout; the ⌇⌇ moving to N and ⌇⌇ moving E.	
7	C	Lightly overcast with ⌇; ⌇⌇ scattered about moving E; haze in E hor.	
8	B	Overcast with ⌇ and ⌇⌇; the latter moving NE; haze in hor.	
8	B	" " "	
8	B	" " "	
8	B	" " "	
8	G	Overcast with ⌇ and ⌇⌇; drops of rain at 5h. 10m.; light shower of rain at 5h. 18m.	
8	G	⌇, ⌇⌇, and ⌇⌇ scattered throughout.	
7	G	" "	
7	G	" "	
8	C	Overcast with ⌇⌇ and ⌇⌇; ⌇⌇ moving NE; fresh breezes of wind from SW; passing shower of rain at 9h. 42m.	
8	C	⌇⌇ and ⌇⌇ throughout; ⌇⌇ moving ENE; a few stars visible through the breaks.	
7	C	⌇⌇ about the zenith; ⌇⌇ throughout moving E.	
7	C	⌇⌇ scattered throughout moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°3 and 85°7. Temperature of deduced dew-point at 11 P.M. was 79°1, greatest during the month and about 1°9 greater than the normal mean.
6	B	" "	
2	B	⌇⌇ scattered around hor.	
7	B	⌇⌇ scattered throughout moving ENE.	
8	B	Overcast with ⌇⌇ moving ENE; a break in S through which a few stars were visible.	
8	G	Overcast with ⌇⌇ moving E; light rain at 5h. 5m., lasted 5m.	
8	G	Overcast; drops of rain at 6h. 29m.	
8	G	⌇⌇ throughout; ⌇ and ⌇⌇ here and there; mist around hor.	
7	G	⌇, ⌇⌇, and ⌇⌇ scattered throughout; the ⌇⌇ moving E; mist in hor.	
5	B	" " "	
7	B	⌇⌇ and ⌇⌇ scattered throughout, the latter moving ENE; mist.	
6	B	⌇ and ⌇⌇ scattered throughout; ⌇⌇ here and there moving E.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 1st-Noon.	29.715	28.770	89°0	81°0	8°0	78°2	0.945	0.71	86°5	83°8	W	0.4					
1 p. m.	.710	.767	89.2	81.0	8.2	78.1	.943	.71	87.0	84.0	WSW	0.3					
2 „	.693	.744	89.5	81.2	8.3	78.3	.949	.71	87.2	84.1	„	0.3					
3 „	.678	.726	89.2	81.2	8.0	78.4	.952	.71	87.0	84.2	„	0.2					
4 „	.673	.750	88.3	80.3	8.0	77.4	.923	.71	86.7	84.2	„	0.3	None.	None.	None.	None.	None.
5 „	.664	.740	87.0	80.0	7.0	77.5	.924	.74	86.0	84.3	„	0.5					
6 „	.671	.765	84.8	79.0	5.8	76.8	.906	.78	85.0	84.3	„	0.3					
7 „	.677	.751	84.0	79.2	4.8	77.5	.926	.81	84.6	84.3	„	0.3					
8 „	.690	.767	83.3	79.0	4.3	77.4	.923	.83	84.0	84.3	„	0.4					
9 „	.689	.763	83.0	79.0	4.0	77.5	.926	.84	83.5	84.3	„	0.5					
10 „	.689	.753	82.8	79.2	3.6	77.9	.936	.86	83.1	84.2	„	0.4					
11 „	.683	.711	82.6	80.0	2.6	79.1	.972	.90	83.0	84.1	W b S	0.5					
July 2nd-Midnight	.676	.743	82.4	79.0	3.4	77.8	.933	.90	82.8	84.0	WSW	0.4					
1 a. m.	.664	.729	82.2	79.0	3.2	77.8	.935	.87	82.8	84.0	W b S	0.6					
2 „	.652	.717	82.2	79.0	3.2	77.8	.935	.87	82.7	83.9	„	0.3					
3 „	.649	.714	82.2	79.0	3.2	77.8	.935	.87	82.7	83.8	W	0.2					
4 „	.646	.701	81.3	79.0	2.3	78.2	.945	.91	82.2	83.7	W b S	0.3	0.02				
5 „	.656	.729	81.4	78.6	2.8	77.6	.927	.89	82.0	83.6	W	0.5					
6 „	.672	.751	81.6	78.6	3.0	77.5	.925	.88	82.0	83.6	„	0.3					
7 „	.703	.768	82.2	79.0	3.2	77.8	.935	.87	82.2	83.6	W b N	0.4					
8 „	.719	.789	82.6	79.0	3.6	77.7	.930	.86	82.6	83.7	NW b W	0.4					
9 „	.727	.781	85.0	80.0	5.0	78.2	.946	.81	83.8	83.7	WNW	0.4					
10 „	.729	.778	86.5	80.5	6.0	78.4	.951	.78	84.9	83.8	W b N	0.6					
11 „	.722	.810	85.8	79.4	6.4	77.0	.912	.76	84.9	83.9	WNW	0.6					
Noon.	.722	.856	85.4	.782	7.2	75.4	.866	.73	84.9	84.0	„	1.7					
1 p. m.	.709	.848	86.6	78.4	8.2	75.2	.861	.70	85.0	84.1	W b S	0.4		None.	None.	None.	None.
2 „	699	.804	82.0	78.0	4.0	76.5	.895	.84	82.9	84.1	WNW	0.2	0.06				
3 „	.687	.794	82.2	78.0	4.2	76.4	.893	.83	82.9	84.0	SSW	0.2					
4 „	.680	.782	82.5	78.2	4.3	76.6	.898	.83	82.9	83.9	S b W	0.3					
5 „	.681	.780	82.2	78.2	4.0	76.7	.901	.84	82.5	83.9	WSW	0.1					
6 „	.685	.817	80.8	77.0	3.8	75.5	.868	.85	81.8	83.8	W	0.2	0.12				
7 „	.694	.837	80.0	76.5	3.5	75.1	.857	.86	81.6	83.8	„	0.4	0.07				
8 „	.705	.794	80.5	78.0	2.5	77.0	.911	.90	81.4	83.8	WNW	0.2					
9 „	.724	.820	81.2	78.0	3.2	76.8	.904	.87	81.6	83.7	W b N	0.2					
10 „	.728	.823	81.1	78.0	3.1	76.8	.905	.87	81.6	83.6	W b S	0.4	0.01				
11 „	.720	.814	81.0	78.0	3.0	76.8	.906	.88	81.5	83.6	W	0.3					
July 4th-Midnight	.721	.784	82.0	79.0	3.0	77.9	.937	0.88	82.5	83.8	W	0.4					
1 a. m.	.705	.781	81.7	78.6	3.1	77.5	.924	0.87	82.3	83.8	„	0.3					
2 „	.697	.790	81.3	78.1	3.2	76.9	.907	0.87	82.1	83.7	„	0.4					
3 „	.686	.779	81.3	78.1	3.2	76.9	.907	0.87	82.0	83.6	W b N	0.5					
4 „	.683	.779	81.2	78.0	3.2	76.8	.904	0.87	81.8	83.6	„	0.4					
5 „	.683	.779	81.2	78.0	3.2	76.8	.904	0.87	81.8	83.5	„	0.3					
6 „	.701	.797	81.2	78.0	3.2	76.8	.904	0.87	81.8	83.5	„	0.2					
7 „	.712	.807	82.6	78.4	4.2	76.8	.905	0.83	82.2	83.5	WNW	0.2					
8 „	.729	.809	83.5	79.0	4.5	77.3	.920	0.82	83.0	83.6	W b N	0.3					
9 „	.731	.813	85.7	79.5	6.2	77.3	.918	0.77	83.9	83.6	W	0.2					
10 „	.732	.791	86.3	80.2	6.1	78.0	.941	0.77	85.0	83.6	„	0.2					
11 „	.730	.773	86.7	80.7	6.0	78.6	.957	0.78	85.7	83.7	„	0.4					
Noon.	.718	.773	89.0	81.0	8.0	78.2	.945	0.71	86.1	83.8	W b N	0.5	None.	None.	None.	None.	None.
1 p. m.	.709	.750	88.6	81.2	7.4	78.6	.959	0.73	86.1	83.9	„	0.6					
2 „	.687	.744	89.2	81.0	8.2	78.1	.943	0.71	86.8	84.9	„	0.4					
3 „	.669	.724	89.0	81.0	8.0	78.2	.945	0.71	86.8	84.0	WNW	0.5					
4 „	.660	.724	87.5	80.4	7.1	77.9	.936	0.74	86.8	84.1	„	0.4					
5 „	.647	.753	85.2	78.8	6.4	76.4	.894	0.76	85.3	84.3	„	0.3					
6 „	.649	.740	84.5	79.0	5.5	76.9	.909	0.79	84.6	84.3	„	0.2					
7 „	.661	.743	83.7	79.0	4.7	77.3	.918	0.82	84.0	84.3	„	0.3					
8 „	.672	.788	83.0	78.0	5.0	76.1	.884	0.80	83.6	84.3	„	0.3					
9 „	.678	.790	82.6	78.0	4.6	76.2	.888	0.82	83.0	84.2	„	0.2					
10 „	.686	.788	82.5	78.2	4.3	76.6	.898	0.83	82.8	84.1	„	0.4					
11 „	.685	.784	82.2	78.2	4.0	76.7	.901	0.84	82.5	84.0	„	0.6					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌐i cirri; ⌐⌐i cirro-cumuli; ⌒i cumuli; ⌣i cirro-strati; ⌒⌣i cumulo-strati; and ⌐⌣i nimbi.	
8	B	⌐i and ⌐⌐i scattered throughout; ⌐⌣i here and there moving E; drops of rain at 0h. 18m.	
8	C	⌐i and ⌐⌐i about the zenith both moving N, ⌐⌣i throughout; mist.	
8	C	⌐i and ⌐⌐i about the zenith both moving N, ⌐⌣i throughout; drops of rain at 2h. 51m.	
7	C	⌐i, ⌐⌐i, and ⌐⌣i scattered throughout; the ⌐⌐i moving N and the ⌐⌣i moving ENE.	
8	C	⌐i about the zenith; ⌐⌐i and ⌐⌣i throughout moving ENE.	
7	B	⌐⌐i in S above hor.; ⌐i and ⌐⌣i throughout moving ENE.	
7	B	⌐i in W of zenith; ⌐⌐i and ⌐⌣i throughout.	
7	B	⌐⌣i scattered throughout moving NE; ⌐i in SE.	
7	B	" " "	
5	G	" " "	
5	G	⌐i and ⌐⌣i scattered throughout and ⌐⌐i here and there; drops of rain at 10h. 46m.	
7	G	⌐i and ⌐⌣i scattered throughout.	
6	G	⌐i, ⌐⌐i, and ⌐⌣i scattered throughout; the ⌐⌣i moving ENE.	Mean daily temperature of ground 20 and 60 inches below its surface 85°3 and 85°7. Daily fall of rain by Osler's Gauge 0·30 in.
6	C	" " "	
5	C	" " "	
8	C	Overcast with ⌐⌣i moving E; a few stars dimly visible; very light rain at 3h. 17m.	
8	C	Overcast with ⌐⌣i moving E.	
7	B	⌐⌣i scattered throughout moving ENE.	
8	B	Overcast with D ⌐i and ⌐⌣i; the ⌐⌣i moving E.	
8	B	Overcast with ⌐⌣i moving E; haze in E and S hor.	
8	B	" " "	
8	C	" " "	
8	C	" " "	
8	C	" " "	
8	C	" " "	
8	G	Overcast with ⌐⌣i moving E; light rain from 1h. 9m. to 1h. 24m.	
8	G	Overcast with ⌐⌣i moving E; light rain from 2h. 20m to 2h. 39m.	
8	G	Overcast; drops of rain at 3h. 19m.	
8	G	Overcast with ⌐⌣i moving E.	
8	C	Overcast with ⌐⌣i moving E; light rain at 5h. 44m., lasted 6m.	
8	C	Overcast; very light rain.	
8	C	" "	
6	C	⌐⌣i scattered throughout moving E.	
5	C	⌐⌣i scattered throughout moving E; light rain at 9h. 54m.	
5	C	" " "	
5	C	" " "	
5	G	⌐⌣i scattered throughout moving E; a few ⌐i about the zenith.	Mean daily temperature of ground 20 and 60 inches below its surface 85°4 and 85°6. Temperature of evaporation at 1 P. M. was 81°2, highest in the month and about 0°7 higher than the normal mean temperature for that hour.
5	C	⌐⌣i scattered throughout moving E.	
6	C	" "	
6	C	" "	
7	C	" "	
8	B	Overcast with D ⌐i and ⌐⌣i; ⌐⌣i moving E.	
8	B	" " "	
8	B	" " "	
8	B	" " "	
6	G	⌐i and ⌐⌣i scattered throughout; ⌐⌣i moving E; haze in E.	
7	G	" " "	
7	G	" " "	
7	G	" " "	
7	C	" " "	
7	C	" " "	
8	C	Overcast with ⌐i and ⌐⌣i; hazy; a few drops of rain at 3h. 29m.	
8	C	Overcast with ⌐i and ⌐⌣i; ⌐⌣i moving E; hazy.	
8	B	" " "	
8	B	" " "	
7	B	" " "	
5	B	⌐i in E above the hor.; ⌐⌣i throughout moving E.	
4	G	⌐⌣i scattered around hor. moving E.	
4	G	" "	
4	G	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 5th-Midnight	29.669	28.768	82°2	78°2	4°0	76°7	0.901	0.84	82°5	84°0	NW b W	0.6					
1 a. m.	.655	.754	82.2	78.2	4.0	76.7	.901	.84	82.5	84.0	WNW	0.5					
2 „	.650	.755	82.0	78.0	4.0	76.5	.895	.84	82.5	84.0	„	0.6					
3 „	.642	.745	81.8	78.0	3.8	76.5	.897	.85	82.3	83.9	„	0.7					
4 „	.643	.746	81.8	78.0	3.8	76.5	.897	.85	82.2	83.8	„	0.4					
5 „	.651	.747	81.2	78.0	3.2	76.8	.904	.87	81.9	83.8	„	0.5	0.01				
6 „	.673	.768	81.5	78.1	3.4	76.8	.905	.86	82.0	83.7	„	0.3					
7 „	.683	.791	83.0	78.2	5.2	76.4	.892	.81	82.4	83.7	„	0.3					
8 „	.701	.797	85.0	79.0	6.0	76.8	.904	.77	83.8	83.8	W b N	0.4					
9 „	.704	.815	86.4	79.0	7.4	76.3	.889	.73	84.6	83.8	„	0.5		None.	None.	None.	None.
10 „	.706	.809	88.0	79.6	8.4	76.5	.897	.70	86.0	83.9	„	0.6					
11 „	.705	.793	88.8	80.2	8.6	77.0	.912	.69	86.6	84.0	„	0.6					
Noon.	.690	.790	89.0	80.2	8.2	76.6	.900	.69	86.8	84.1	„	0.5					
1 p. m.	.677	.762	89.4	80.4	9.0	77.2	.915	.68	87.2	84.2	WSW	0.4					
2 „	.672	.749	89.8	80.7	9.1	77.4	.923	.68	87.3	84.3	„	0.4					
3 „	.662	.735	89.4	80.7	8.7	77.6	.927	.69	87.1	84.4	W b S	0.7					
4 „	.656	.744	89.3	80.3	9.0	77.0	.912	.68	87.0	84.5	„	0.5					
5 „	.644	.730	87.9	80.0	7.9	77.1	.914	.71	86.5	84.6	W b N	0.5					
6 „	.655	.788	86.5	78.5	8.0	75.5	.867	.71	85.5	84.6	W	0.5					
7 „	.660	.787	84.0	78.0	6.0	75.7	.873	.77	84.2	84.6	„	0.6					
8 „	.676	.795	83.3	78.0	5.3	76.0	.881	.79	84.0	84.5	„	0.5					
9 „	.687	.799	82.6	78.0	4.6	76.2	.888	.82	83.2	84.5	W b N	0.5					
10 „	.685	.783	82.5	78.3	4.2	76.7	.902	.83	83.0	84.4	W	0.6					
11 „	.685	.783	82.5	78.3	4.2	76.7	.902	.83	82.8	84.4	W b N	0.6					
July 6th-Midnight	.667	.795	82.3	77.5	4.8	75.6	.872	.81	82.5	84.4	W	0.3					
1 a. m.	.648	.755	82.2	78.0	4.2	76.4	.893	.83	82.6	84.3	„	0.5					
2 „	.637	.768	81.8	77.3	4.5	75.5	.869	.82	82.4	84.3	„	0.7					
3 „	.627	.754	81.5	77.3	4.2	75.7	.873	.83	82.3	84.2	W b S	0.3					
4 „	.628	.764	81.2	77.0	4.2	75.4	.864	.83	82.1	84.1	W	0.3					
5 „	.638	.774	81.2	77.0	4.2	75.4	.864	.83	82.0	83.9	„	0.3					
6 „	.658	.788	81.4	77.2	4.2	75.6	.870	.83	82.0	83.9	„	0.3					
7 „	.678	.820	82.5	77.2	5.3	75.1	.858	.79	82.5	83.9	„	0.4					
8 „	.695	.814	85.2	78.5	6.7	76.0	.881	.75	83.8	84.0	„	0.4					
9 „	.693	.812	86.3	78.8	7.5	76.0	.881	.72	84.2	84.1	WSW	0.4					
10 „	.689	.818	88.0	79.0	9.0	75.6	.871	.68	85.5	84.1	„	0.5		None.	None.	None.	None.
11 „	.686	.760	88.8	80.5	8.3	77.5	.926	.70	86.0	84.2	„	0.4					
Noon.	.677	.755	89.1	80.5	8.6	77.4	.922	.69	86.8	84.2	„	0.5					
1 p. m.	.672	.747	89.2	80.6	8.6	77.5	.925	.69	86.9	84.3	„	0.5					
2 „	.661	.746	89.8	80.5	9.3	77.2	.915	.67	87.1	84.4	„	0.5					
3 „	.649	.728	90.4	80.8	9.6	77.4	.921	.67	87.3	84.5	W b S	0.3					
4 „	.646	.765	88.6	79.4	9.2	76.0	.881	.67	86.9	84.5	„	0.7					
5 „	.646	.745	87.2	79.5	7.7	76.7	.901	.72	86.2	84.6	„	0.5					
6 „	.651	.754	85.6	79.0	6.6	76.5	.897	.75	85.2	84.6	„	0.4					
7 „	.656	.757	83.6	78.5	5.1	76.6	.899	.80	84.0	84.6	WSW	0.5					
8 „	.668	.790	83.5	78.0	5.5	75.9	.878	.79	84.0	84.5	„	0.3					
9 „	.674	.819	82.7	77.2	5.5	75.0	.855	.79	83.7	84.5	„	0.4					
10 „	.676	.818	82.1	77.0	5.1	75.1	.858	.80	83.2	84.4	W b S	0.3	0.01				
11 „	.669	.814	82.0	77.0	5.0	75.0	.855	.80	83.0	84.4	„	0.7					
July 7th-Midnight	.653	.798	82.0	77.0	5.0	76.1	.855	.80	83.0	84.4	W b S	0.7					
1 a. m.	.651	.807	82.0	76.7	5.3	74.6	.844	.79	82.9	84.3	„	0.9					
2 „	.648	.810	81.8	76.5	5.3	74.4	.838	.79	82.8	84.3	WSW	0.7					
3 „	.628	.763	81.8	77.2	4.6	75.4	.865	.82	82.5	84.3	„	0.7					
4 „	.630	.755	82.0	77.5	4.5	75.8	.875	.82	82.4	84.2	W b S	0.3					
5 „	.633	.767	81.7	77.2	4.5	75.4	.866	.82	82.4	84.1	W	0.5	None.	None.	None.	None.	None.
6 „	.656	.778	81.8	77.5	4.3	75.9	.878	.83	82.4	84.0	WSW	0.3					
7 „	.666	.778	82.6	78.0	4.6	76.2	.888	.82	82.8	84.0	„	0.2					
8 „	.677	.765	84.3	79.0	5.3	77.0	.912	.80	83.6	84.1	„	0.2					
9 „	.678	.783	85.4	78.9	6.5	76.5	.895	.75	84.4	84.2	W	0.3					
10 „	.672	.779	86.7	79.2	7.5	76.4	.893	.72	85.0	84.2	WSW	0.2					
11 „	.668	.765	88.0	80.0	8.0	77.1	.913	.71	85.8	84.2	SW b W	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are; ⌇ cirri; ≀ cirro-cumuli; ∩ cumuli; ⌇ cirro-strati; ∩ cumulo-strati; and ≀ nimbi.	Remarks.
5	H	≀ scattered throughout moving E; and a few ⌇ about the zenith.	Mean daily temperature of ground 20 and 60 inches below its surface 85°6 and 85°8.
7	C	⌇ in NW of the zenith; ≀ throughout moving E.	
6	C	⌇ and ≀ scattered throughout; the latter moving E.	
5	C	" " "	
0	C	⌇ and ≀ scattered throughout; the latter moving E; a passing shower of rain at 4h. 48m.	
8	B	Overcast with ⌇ and ≀; ≀ moving E.	
8	B	" " "	
7	B	⌇ and ≀ scattered throughout; the latter moving E.	
3	B	⌇ in S and W above the hor.; ≀ scattered about moving E; haze in E hor.	
4	H	⌇ in NW of zenith; ≀ scattered about moving E, haze.	
6	H	⌇ and ≀ scattered throughout; ≀ moving E; haze.	
7	H	" " "	
7	H	" " "	
7	C	" " "	
8	C	⌇ in zenith; ≀ throughout; haze.	
7	C	≀ about the zenith; ≀ scattered throughout; mist in W.	
7	C	" " "	
7	B	" " "	
5	B	≀ scattered throughout moving E.	
4	B	"	
3	B	≀ scattered throughout moving E; drops of rain at 8h. 52m.	
3	H	≀ scattered about moving E.	
6	H	≀ and ≀ scattered throughout; ≀ moving E.	
6	H	" " "	
5	H	≀ and ≀ scattered throughout, the latter moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°6 and 85°8. Daily fall of rain by Osler's Gauge 0·01 in. Temperature of external and free air at 3 P. M. was 90°4, highest in the month and about 3°4 higher than the normal mean.
6	C	" " "	
4	C	≀ in zenith; ≀ scattered around hor.	
3	C	" "	
3	C	" "	
5	B	≀ and ≀ scattered all round the hor.; and ⌇ here and there.	
8	B	Overcast with ⌇ and ≀ moving E.	
8	B	Lightly overcast with ⌇ and ≀ around hor.	
8	B	Overcast with ⌇ and ≀ moving E.	
8	H	" "	
8	H	" "	
8	H	" "	
7	H	⌇ in NW; ≀ and ≀ throughout; ≀ moving ENE.	
7	C	≀ and ≀ scattered throughout; ≀ moving ENE; haze.	
8	C	" " "	
7	C	⌇ in S of zenith; ≀ and ≀ throughout, both moving slowly E.	
7	C	" " "	
8	B	Overcast with ⌇ and ≀; the latter moving E.	
8	B.	" " "	
8	B	≀ above the W hor.; ⌇ and ≀ scattered throughout.	
7	B	⌇ and ≀ scattered throughout.	
7	H	≀ scattered throughout moving E; passing rain at 9h. 40m.	
5	H	⌇ in and about the zenith; ≀ throughout moving E.	
6	H	≀ scattered throughout moving E.	
7	H	≀ scattered throughout moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°7 and 85°8. 7th July was the 9th day on which fall of rain was less than 0·01 in.
7	C	≀ scattered throughout moving E; fresh breezes from WSW.	
7	C	" " "	
8	C	Overcast with ≀ moving E; drops of rain at 3h. 12m.	
7	C	Nearly overcast with ≀ moving E.	
8	B	Overcast with ≀ moving ENE.	
0	B	" "	
0	B	≀ in zenith; ⌇ and ≀ scattered throughout.	
0	B	" " "	
7	H	≀ scattered throughout moving NE; haze.	
0	H	" "	
8	H	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volts 1.	Electrical Instruments. Readings of Straws of Volts 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 7th-Noon.	29.652	28.713	88°8	80°8	8°0	78°0	0.939	0.71	86°5	84°3	W b S	0.4					
1 p.m.	.647	.711	89.8	81.0	8.8	77.9	.936	.69	87.0	84.4	SW b W	0.5					
2 „	.635	.698	87.4	80.4	7.0	77.9	.937	.74	86.7	84.5	WSW	0.4					
3 „	.621	.719	89.0	80.0	9.0	76.7	.902	.68	86.8	84.6	W b S	0.5					
4 „	.612	.726	86.6	79.0	7.6	76.1	.886	.72	86.2	84.6	„	0.3					
5 „	.613	.716	85.6	79.0	6.6	76.5	.897	.75	85.5	84.6	WSW	0.4					
6 „	.620	.747	84.0	78.0	6.0	75.7	.873	.77	84.2	84.6	„	0.3	None.	None.	None.	None.	None.
7 „	.624	.734	83.2	78.2	5.0	76.3	.890	.80	83.6	84.6	W b S	0.3					
8 „	.630	.746	83.0	78.0	5.0	76.1	.884	.80	83.5	84.5	W	0.2					
9 „	.641	.745	81.9	78.0	3.9	76.5	.896	.85	83.0	84.5	WSW	0.6					
10 „	.637	.742	82.0	78.0	4.0	76.5	.895	.84	83.0	84.4	W b S	0.5					
11 „	.637	.719	82.2	78.6	3.6	77.3	.918	.86	83.0	84.4	„	0.6					
July 8th-Midnight	.630	.735	82.0	78.0	4.0	76.5	.895	.84	82.8	84.4	W b N	1.7					
1 a. m.	.616	.710	81.0	78.0	3.0	76.8	.906	.88	82.5	84.3	WNW	1.8	0.20				
2 „	.604	.695	81.5	78.2	3.3	76.9	.909	.87	82.5	84.3	„	1.0					
3 „	.600	.691	81.5	78.2	3.3	76.9	.909	.87	82.4	84.2	W b N	0.6					
4 „	.602	.695	81.3	78.1	3.2	76.9	.907	.87	82.3	84.2	WNW	0.5					
5 „	.610	.710	81.5	78.0	3.5	76.6	.900	.86	82.3	84.1	„	0.4					
6 „	.626	.721	81.8	78.2	3.6	76.8	.905	.86	82.3	84.1	NW b W	0.4					
7 „	.636	.739	81.8	78.0	3.8	76.5	.897	.85	82.3	84.0	„	0.4					
8 „	.646	.751	82.0	78.0	4.0	76.5	.895	.84	82.3	84.0	WNW	0.3					
9 „	.647	.758	82.5	78.0	4.5	76.3	.889	.82	82.0	83.9	W b N	0.3					
10 „	.647	.744	83.2	78.5	4.7	76.7	.903	.81	82.7	84.0	WNW	0.2					
11 „	.632	.770	86.5	78.4	8.1	75.3	.862	.70	83.5	84.0	„	0.3					
Noon.	.619	.737	87.0	79.0	8.0	76.0	.882	.71	84.8	84.0	„	0.4		None.	None.	None.	None.
1 p. m.	.607	.677	86.8	80.1	6.7	77.7	.930	.75	85.8	84.2	W b S	0.3					
2 „	.596	.668	86.6	80.2	6.6	77.6	.928	.76	85.7	84.3	W b N	0.4					
3 „	.578	.678	85.4	79.0	6.4	76.6	.900	.76	85.3	84.3	W	0.5					
4 „	.573	.669	85.0	79.0	6.0	76.8	.904	.77	85.0	84.4	W b N	0.4					
5 „	.580	.645	84.0	79.0	5.0	77.2	.915	.81	84.0	84.5	WSW	0.5					
6 „	.571	.659	83.5	78.8	4.7	77.0	.912	.82	83.8	84.5	W	0.5					
7 „	.581	.660	82.7	78.8	3.9	77.4	.921	.85	83.4	84.5	W b N	0.4					
8 „	.590	.674	82.0	78.5	3.5	77.2	.916	.86	82.8	84.4	W b S	0.3	0.01				
9 „	.592	.674	82.2	78.6	3.6	77.3	.918	.86	82.6	84.3	WSW	0.2					
10 „	.611	.695	82.0	78.5	3.5	77.2	.916	.86	82.1	84.2	W b S	0.3	0.03				
11 „	.597	.683	81.8	78.4	3.4	77.1	.914	.86	82.0	84.1	WSW	0.6					
July 9th-Midnight	.591	.677	81.8	78.4	3.4	77.1	.914	.86	82.0	84.1	SW b W	0.4					
1 a. m.	.574	.628	81.2	79.0	2.2	78.2	.946	.91	82.0	84.1	WSW	0.3	0.04				
2 „	.560	.637	79.8	77.6	2.2	76.7	.903	.91	81.5	84.0	NW b W	0.1					
3 „	.550	.688	80.6	78.5	2.1	77.7	.932	.91	81.7	84.0	WNW	0.3	0.04				
4 „	.551	.732	79.6	75.4	4.2	73.7	.819	.83	81.3	83.9	WSW	0.4	0.06				
5 „	.552	.679	78.6	76.5	2.1	75.7	.873	.91	80.2	83.8	N b W	0.1	0.01				
6 „	.568	.676	78.6	77.0	1.6	76.4	.892	.89	80.2	83.6	WNW	0.1	0.11				
7 „	.573	.686	80.5	77.5	3.0	76.4	.892	.88	81.0	83.5	W b N	0.3					
8 „	.585	.677	80.8	78.0	2.8	76.9	.908	.89	81.3	83.5	WNW	0.8					
9 „	.587	.666	78.7	77.6	1.1	77.4	.921	.95	80.0	83.5	NW	0.5	0.27				
10 „	.591	.711	79.0	77.0	2.0	76.2	.888	.92	80.0	83.4	N	0.2	0.25				
11 „	.601	.707	78.8	77.1	1.7	76.4	.894	.93	80.0	83.3	NNW	0.2	0.39	None.	None.	None.	None.
Noon.	.596	.701	78.4	77.0	1.4	76.5	.895	.94	80.0	83.1	N b W	0.2	0.30				
1 p. m.	.586	.660	79.2	78.0	1.2	77.5	.926	.95	80.0	83.1	NW	0.2	0.21				
2 „	.585	.665	79.7	78.0	1.7	77.3	.920	.93	80.2	83.1	WNW	0.1	0.02				
3 „	.581	.745	77.4	75.2	2.2	74.3	.836	.91	79.1	83.1	SSW	0.3	0.33				
4 „	.563	.681	77.0	76.0	1.0	76.0	.882	.96	78.8	83.1	SW b W	0.2	0.65				
5 „	.558	.724	77.6	75.2	2.4	74.3	.834	.90	78.9	83.0	SW	0.1	0.08				
6 „	.561	.751	77.8	75.8	2.0	73.3	.810	.92	78.9	82.9	SW b W	0.2	0.03				
7 „	.581	.710	77.0	76.0	1.0	75.6	.871	.96	78.6	82.8	SW	0.2	0.05				
8 „	.599	.730	77.2	76.0	1.2	75.5	.869	.95	78.6	82.7	„	0.0	0.05				
9 „	.613	.744	77.2	76.0	1.2	75.5	.869	.95	78.6	82.7	SSW	0.0	0.14				
10 „	.620	.749	77.0	76.0	1.0	75.6	.871	.96	78.1	82.6	NW b W	0.1	0.19				
11 „	.609	.738	77.0	76.0	1.0	75.6	.871	.96	78.0	82.5	W	0.2	0.22				

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀∩ cirro-cumuli; ∩ cumuli; ≀∪ cirro-strati; ∩∪ cumulo-strati; and ∪ nimbi.	
7	H	≀ and ≀∩ scattered throughout moving ENE; haze.	
8	C	Overcast with ≀∩ moving E; ≀ about the zenith; haze; slight rain at 1h. 41m.	
8	C	≀∩ in zenith; ≀∩ throughout moving E.	
7	C	≀∩ in zenith; ≀∩ throughout moving E; drops of rain at 3h. 57m.	
8	C	≀∩ in S above hor.; ≀∩ throughout moving E; slight rain at 4h. 5m.	
0	B	Overcast with D and L ≀∩ moving ENE; drops of rain at 5h. 16m.	
0	B	Overcast with D and L ≀∩ moving ENE; drops of rain at full hour.	
0	B	≀∩ and ≀∩ throughout; ≀∩ moving ENE.	
0	B	Overcast with ≀∩ and ≀∩; a few stars dimly visible through breaks; drops of rain at 8h. 40m.	
0	H	Overcast with ≀∩ moving ENE; drops of rain at full hour.	
0	H	Overcast with ≀∩ moving ENE.	
0	H	" "	
8	H	Overcast with ≀∩ moving E; smart shower of rain at 0h. 7m. lasted 0m. and lightly raining afterwards till 0h. 35m.	Mean daily temperature of ground 20 and 60 inches below its surface 85°7 and 85°7. Daily fall of rain by Osler's Gauge 0·26.
8	C	Overcast with ≀∩ moving SE; fresh breezes from NW.	
8	C	" " "	
8	C	Overcast with ≀∩ moving SE; fresh breezes from NW; a few drops of rain at 3h. 30m.	
8	C	Overcast with ≀∩ moving SE.	
8	B	" "	
8	B	" "	
8	B	Overcast with ≀∩ moving E.	
8	B	" "	
8	H	Overcast with ≀∩ moving E; drops of rain from 9h. 7m. to 9h. 31m.	
8	H	Overcast; drops of rain falling from 10h. 50m.	
8	H	Overcast; rain ceased at 11h. 20m.	
8	H	Overcast with ≀∩ moving E.	
8	C	Overcast with ≀∩ moving E; slight rain from 1h. 4m. to 1h. 33m.	
8	C	Overcast.	
8	C	"	
8	C	Overcast; drops of rain.	
8	B	" "	
8	B	" "	
8	B	Overcast; a shower of rain at 7h. 54m., lasted 2m.	
8	B	Overcast; drops of rain falling.	
8	H	Overcast; shower of rain at 9h. 27m. lasted 0m., afterwards drops of rain falling to the end of the hour.	
8	H	Overcast.	
8	H	Overcast; a few drops of rain at 11h. 6m.	
8	G	Overcast with ≀∩ moving E; drops of rain falling.	Mean daily temperature of ground 20 and 60 inches below its surface 85°7 and 85°6. Daily fall of rain by Osler's Gauge 3·44 in. The lowest reading of air thermometer occurred on this day.
8	C	Overcast; very slight rain at 1h. 29m.	
8	C	Overcast; shower of rain at 2h. 20m. lasted 5m.	
8	C	Overcast; light rain at 3h. 30m. and again at 3h. 55m.	
8	C	Overcast; rain which was falling from last hour ceased at 4h. 8m. and recommenced at 4h. 45m.	
8	B	Overcast; raining.	
8	B	Overcast; drizzling rain.	
8	B	Overcast.	
8	B	Overcast with ≀∩ moving rapidly E; showers of rain now and then.	
8	G	Overcast; raining.	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	Overcast; raining at times.	
8	C	Overcast; raining.	
8	C	" "	
8	C	Overcast; light rain frequently.	
8	G	Overcast; raining lightly from 5h. 49m.	
8	G	Overcast with ≀∩ moving E; rain continued falling.	
8	G	Overcast; showers of rain occasionally.	
8	G	Overcast; frequent showers of rain.	
8	G	Overcast; heavy shower of rain at 9h. 39m., afterwards raining lightly.	
8	G	Overcast; raining lightly.	
8	G	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −.	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 11th-Midnight	29.673	28.753	79°7	78°0	1°7	77°3	0.920	0.93	80°6	82°6	SW b W	0.4	0.01				
1 a. m.	.663	.737	80.3	78·3	2.0	77.5	.926	.92	80.6	82.6	W	0.3					
2 „	.659	.743	80.1	78.0	2.1	77.2	.916	.91	80.5	82.6	W b N	0.3					
3 „	.631	.782	79.0	76.0	3.0	74.8	.849	.88	80.1	82.5	„	0.5	0·02				
4 „	.635	.737	79.6	77.4	2.2	76.6	.898	.91	80.1	82·5	NW	0.2	0.01				
5 „	.648	.737	80.5	78.0	2.5	77.0	.911	.90	81.0	82.5	WNW	0.5					
6 „	.667	.757	79.6	78.0	1.6	77.0	.910	.93	80.5	82.5	NW	0·4	0.19				
7 „	.684	.768	80.8	78.2	2.6	77.2	.916	·89	81.0	82.5	NW b W	0.3	0.05				
8 „	.701	.764	82.0	79.0	3.0	77.9	.937	.88	81.8	82.5	„	0.2					
9 „	.716	.796	79.7	78.0	1.7	77·3	.920	.93	81.0	82.4	W b N	0.2	0.21				
10 „	.718	.782	80.2	78.5	1.7	77.9	.936	.93	80.9	82.4	NNW	0.2	0.08	None.	None.	None.	None.
11 „	.719	.823	78.4	76.9	1.5	76.5	.896	.94	79.2	82.3	W	0.2	0.23				
Noon.	.711	.833	81.4	77·4	4.0	75.9	.878	.84	80.4	82.3	N	0.1					
1 p. m.	.700	.788	82.8	78.6	4.2	77.0	.912	.83	81.7	82.4	WSW	0.2					
2 „	.687	.762	83.8	79.2	4.6	77.5	.925	.82	82.5	82.5	„	0.2					
3 „	.675	.690	85.4	81.0	4.4	79.5	.985	.83	83.6	82.7	„	0.3					
4 „	.665	.717	84.8	80·0	4.8	78.3	.948	.81	83.3	82.9	„	0.2					
5 „	.648	.740	80·8	78.0	2.8	76.9	.908	.89	81.5	82.9	W b S	0.2	0.13				
6 „	.662	.780	81.4	77.5	3.9	76.0	.882	.84	81.8	82 9	WSW	0.2					
7 „	.680	.805	80.2	77.0	3.2	75.8	.875	·87	81.0	82.8	W	0.3	0.01				
8 „	.699	.793	81.0	78.0	3.0	76.8	.906	.88	81.5	82.8	W b S	0.2					
9 „	.717	.815	81.4	78.0	3.4	76.7	.902	.86	81.4	82.7	„	0.2					
10 „	.731	.825	81.0	78.0	3.0	76.8	.906	.88	81.0	82.6	„	0·2					
11 „	.720	.826	78.8	77.1	1.7	76.4	.894	.93	80.2	82.6	„	0.1	0.07				
July 12th-Midnight	.700	.774	79.2	78.0	1.2	77.5	.926	·95	80.0	82.6	WNW	0.4	0.07				
1 a. m.	.689	.776	79.6	77.8	1.8	77.1	.913	.92	80.6	82.6	W	0·3					
2 „	.673	.758	80.2	78.0	2.2	77.2	.915	.91	80.9	82·6	W b N	0.6					
3 „	.662	.751	80.5	78.0	2.5	77.0	.911	.90	81.1	82.6	„	0.5					
4 „	.662	.754	80.3	78.0	2.3	76.9	.908	.89	81.3	82.6	WNW	0.8					
5 „	.662	.743	80.6	78.2	2.4	77.3	.919	.90	81.3	82.5	„	0.4					
6 „	.682	.768	80.3	78.0	2.3	77.1	.914	.90	81.0	82.5	W b N	0.2	0.05				
7 „	.690	.779	81.3	78.2	3.1	77.0	.911	.87	81.5	82.5	„	0·3					
8 „	.700	.769	82.5	79.0	3.5	77.7	.931	.86	82.1	82.6	W	0.2	0.02				
9 „	.703	.786	84·2	79.1	5.1	77.2	.917	.80	82.4	82 6	WNW	0·3					
10 „	.698	.741	84.0	80.0	4.0	78.6	.957	.84	82.5	82.7	„	0.4		None.	None.	None.	None.
11 „	.697	.742	86.1	80.5	5.6	78.5	.955	.78	83.9	82.8	W b N	0.5					
Noon.	.693	.726	87.0	81.0	6.0	78·9	.967	.78	84.7	82.9	WNW	0.5					
1 p. m.	.675	.712	87.4	81.0	6.4	78.8	.963	.76	85·4	83.1	W b S	0.4					
2 „	.656	.721	86.7	80.2	6.5	77.8	.935	.76	85.2	83.2	„	0.7					
3 „	.647	.696	86.9	80.6	6.3	78.4	.951	.77	85.2	83.3	W b N	0 to 2¾					
4 „	.629	.689	85.5	80.0	5.5	78.0	.940	.79	84.9	83.3	W	½ to 3	0.02				
5 „	.628	.713	84.7	79.2	5.5	77.2	.915	.79	84.0	83.4	„	½ to 1½					
6 „	.641	.721	83.5	79.0	4.5	77.3	.920	.82	83.5	83.4	W b S	0.5	0.01				
7 „	.653	.764	80.8	77·5	3.3	76.3	.889	.87	81.5	83.3	W	1.5					
8 „	.661	.784	80.0	77.0	3.0	75.8	.877	.88	81.0	83.3	WSW	½ to 1½	0.28				
9 „	.670	.759	81·3	78.2	3.1	77.0	.911	.87	81.0	83.2	„	1.4					
10 „	.675	.772	79.8	77·6	2.2	76.7	.903	·91	80.2	83.1	NW b W	½ to 2	0.06				
11 „	.675	.781	78.8	77.1	1·7	76.4	.894	.93	79.8	83.0	WNW	2.5	0.33				
July 13th-Midnight	.658	.730	79.0	78.0	1.0	77.6	.928	.96	80.2	83.0	W b S	0.4	0.03				
1 a. m.	.640	.730	80.6	78.0	2.6	77.0	.910	·89	80·8	83.0	WSW	½ to 1½					
2 „	.621	.713	80.8	78.0	2.8	76.9	.908	.89	81.1	83.0	W b S	0.1					
3 „	.613	.705	80.8	78.0	2.8	76.9	.908	.89	81.1	83.0	WSW	0.8					
4 „	.615	.740	80.2	77.0	3.2	75.8	.875	.87	81.0	82.9	„	½ to 1					
5 „	.626	.766	78.0	76.0	2.0	75.2	.860	.92	80.0	82.8	„	1.3	0.02	None.	None.	None.	None.
6 „	.635	.747	79.1	77.2	2.5	76.2	.888	.90	80.4	82.6	„	½ to 1½					
7 „	.655	.793	78.8	76.3	2.5	75·3	.862	.90	80.0	82.6	NW b W	0.5					
8 „	.678	.816	78.8	76.3	2.5	75.3	.862	.90	79.8	82.6	NW	0·5	0.11				
9 „	.680	.803	80.0	77.0	3.0	75.8	.877	.88	80.0	82.6	WSW	¼ to 1½	0.17				
10 „	.683	.772	81·3	78.2	3.1	77.0	.911	.87	80.9	82.6	SW b W	0.5					
11 „	.680	.780	81.5	78.0	3.5	76.6	.900	.86	81.2	82.6	WSW	¼ to 1½					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cc cirro-cumuli; Cu cumuli; Cs cirro-strati; Cu cumulo-strati; and Ni nimbi.	
8	G	Overcast with Ci moving E; a few drops of rain at the time of observation.	Mean daily temperature of ground 20 and 60 inches below its surface 85°4 and 85°6. Daily fall of rain by Osler's Gauge 1·01 in.
8	C	Overcast; a few stars dimly visible in the zenith; drops of rain at 1h. 42m.	
8	C	Overcast; a squall of wind and rain at 2h. 45m. lasted about 10m., force of wind was not more than 2 lb.	
8	C	Overcast with Ci moving E.	
8	C	Overcast; rain, which commenced a few minutes before full hour, ceased at 4h. 8m.	
8	B	Overcast; light rain from 5h. 7m. to 5h. 12m., a heavy shower at 5h. 44m. lasted 3m.	
8	B	Overcast; a shower of rain between 6h. 10m. and 6h. 12m.	
8	B	Overcast with Ci moving E.	
8	B	Overcast with Ci moving E; a shower of rain at 8h. 49m. lasted 7m.	
8	G	Overcast; light rain, which was falling from last observation ceased at 0h. 15m., but recommenced at 0h. 39m.	
8	G	Overcast; a shower of rain at 10h. 45m. lasted about 8m., then lightly raining.	
8	G	Overcast; rain ceased at 11h. 4m.	
8	G	Overcast with Ci moving E.	
8	C	" "	
8	C	" "	
8	C	Overcast with Ci and Cc in NW and W. [2 lb.	
8	C	Overcast with Cc and Ci; a squall of wind and rain commenced at 4h. 38m., lasted about 7m., force of wind was not more than	
8	B	Overcast with Ci moving E; two small breaks in W and N of zenith.	
8	B	Ni and Cc in and about the zenith; Ci throughout moving E; shower of rain at 6h. 50m. lasted 2m.	
8	B	Overcast with Ni and Ci, the latter moving E.	
8	B	" " "	
8	G	Overcast; a few stars dimly visible here and there.	
8	G	Overcast; a few stars visible in zenith; shower of rain at 10h. 43m. lasted about 10m.	
8	G	Overcast; drops of rain at times.	
8	G	Overcast; some stars dimly visible in NW of zenith.	Mean daily temperature of ground 20 and 60 inches below its surface 85°4 and 85°6. Daily fall of rain by Osler's Gauge 0·87 in.
8	C	" " "	
7	C	Ci scattered throughout.	
6	C	" "	
6	C	Ci scattered throughout; drops of rain at 4h. 20m.	
8	B	Cc in E of the zenith; Ci throughout moving E; shower of rain at 5h. 53m. lasted 4m.	
8	B	Overcast with Cc and Ci, the latter moving E.	
7	B	Cc and Ci scattered throughout; drops of rain at 7h. 40m., a passing shower at 7h. 45m.	
7	B	Ni in SE of zenith; Ci throughout; drops of rain at 8h. 27m.	
7	G	Ni scattered throughout; large masses of Ci passing from W to E; hazy; slight rain at 9h. 52m.	
7	G	Cc in zenith; Ni throughout and masses of Ci passing from W to E.	
6	G	Cc in zenith; Ni throughout and *masses of* Ci passing from W to E; drops of rain at 11h. 35m.	
8	G	Overcast with Ni, Cc and Ci; Ci moving E.	
8	C	Overcast with Cc and Ci; haze in hor.	
8	C	" " [rain at 3h. 30m.	
8	C	Overcast; Cc about the zenith, and Ni in NE; at 3h. 30m. a squall of wind and rain commenced and ended at 3h. 34m., drops of	
8	C	Overcast with Ni, Cc and Ci; nimbi moving E; gusts of wind from W.	
7	B	Ni and Cc scattered throughout and masses of Ci passing rapidly from W to E.	
8	B	Overcast with Ci moving E; Cc in W and S of zenith; passing rain at full hour.	
8	B	Overcast; shower of rain accompanied with strong wind at 7h. 3m. lasted about 12m.	
8	B	Overcast; a few stars and the moon dimly visible about the zenith.	
8	G	Overcast; a few stars and the moon dimly visible about the zenith; gusts of wind and drops of rain after 9h. 32m..	
8	G	Overcast; large black masses of Ci passing rapidly from W to E; heavy shower of rain at 10h. 37m. lasted 8m., then raining lightly.	
8	G	Overcast; rain ceased at 11h. 19m., gusts of wind blowing from NW.	
8	G	Overcast; Ci moving E; a few drops of rain at full hour.	Mean daily temperature of ground 20 and 60 inches below its surface 85°3 and 85°6. Daily fall of rain by Osler's Gauge 0·51 in.
7	C	" " "	
8	C	Overcast; gusts of wind from W with a force of about 2 lb.	
8	C	Overcast; gusts of wind from W with a force of about 2 lb.; drops of rain at 3h. 46m.	
8	C	Overcast; fresh breezes of wind from W; at 4h. 55m. a shower of rain.	
8	B	Overcast; lightly raining from 5h. 30m.	
8	B	Overcast; rain which was falling from the last hour ceased at 6h. 35m.	
8	B	Overcast; gusts of wind from W; light rain at 7h. 32m. and again at 7h. 56m.	
8	B	Overcast; Ci moving ESE; light rain from full hour to 8h. 33m.	
8	G	Overcast; gusts of wind blowing from WNW; drops of rain at the time of observation.	
8	G	" " " "	
8	G	" " " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 8 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 13th-Noon.	29.680	28.780	81°5	78°0	3°5	76°6	0.900	0.86	81°3	82°6	WSW	½ to 2½					
1 p. m.	.674	.779	82.0	78.0	4.0	76.5	.895	.84	81.9	82.7	SW b W	0 to 1½					
2 „	.656	.763	82.2	78.0	4.2	76.4	.893	.83	81.9	82.8	„	0 to 1½					
3 „	.639	.740	81.6	78.0	3.6	76.6	.899	.86	81.6	82.8	„	0 to 1½					
4 „	.637	.757	82.2	77.7	4.5	75.9	.880	.82	82.0	82.9	WSW	1.5					
5 „	.623	.785	80.0	76.0	4.0	74.4	.838	.84	80.6	82.9	SW b W	0 to 3½		None.	None.	None.	
6 „	.634	.772	80.6	76.8	3.8	75.3	.862	.85	81.0	82.9	„	0.8					
7 „	.636	.765	78.8	76.5	2.3	75.6	.871	.90	80.1	82.8	WSW	0 to 2½	0.10				None.
8 „	.647	.766	79.6	77.0	2.6	76.0	.881	.89	80.3	82.7	SW b W	0.8					
9 „	.649	.774	80.2	77.0	3.2	75.8	.875	.87	80.5	82.6	„	0.7					
10 „	.657	.780	80.0	77.0	3.0	75.8	.877	.88	80.0	82.6	„	0.4	0.07				
11 „	.645	.756	80.8	77.5	3.3	76.3	.889	.87	80.5	82.6	„	0.6					
July 14th-Midnight	.631	.743	79.0	77.0	2.0	76.2	.888	.92	80.0	82.6	SW b W	0.7	0.10				
1 a. m.	.613	.745	77.3	76.0	1.3	75.5	.868	.94	79.1	82.5	„	0. to 6¼	0.31				
2 „	.599	.697	78.8	77.3	1.5	76.7	.902	.94	79.9	82.5	SW	0 to 1½	0.02				
3 „	.589	.675	80.3	78.0	2.3	77.1	.914	.90	80.5	82.6	WSW	1.1					
4 „	.588	.684	80.4	77.8	2.6	76.8	.904	.89	80.6	82.4	„	1.4					
5 „	.599	.719	79.7	77.0	2.7	75.9	.880	.89	80.5	82.3	W	0 to 1					
6 „	.609	.717	80.5	77.5	3.0	76.4	.892	.88	81.0	82.3	WSW	½ to 1½					
7 „	.634	.728	81.0	78.0	3.0	76.8	.906	.88	81.2	82.4	W	0.5					
8 „	.639	.774	77.5	76.0	1.5	75.4	.865	.94	79.0	82.4	„	0 to 4	0.20				
9 „	.641	.768	78.6	76.5	2.1	75.7	.873	.91	79.0	82.3	„	0 to 1½	0.05				
10 „	.644	.834	77.8	75.8	2.0	73.3	.810	.92	78.8	82.2	„	0 to 2½	0.10				
11 „	.642	.760	81.4	77.5	3.9	76.0	.882	.84	80.0	82.2	W b S	0.5	0.04				
Noon.	.616	.681	83.7	79.4	4.3	77.8	.935	.83	81.9	82.3	W	0.6		None.	None.	None.	None.
1 p. m.	.612	.652	85.7	80.5	5.2	78.7	.960	.80	82.9	82.4	W b N	0.8					
2 „	.597	.657	85.5	80.0	5.5	78.0	.940	.79	83.6	82.5	WNW	0.5					
3 „	.587	.660	84.9	79.5	5.4	77.6	.927	.79	83.5	82.6	„	0.4					
4 „	.575	.673	84.1	78.7	5.4	76.7	.902	.79	83.2	82.7	„	0.3					
5 „	.569	.683	83.6	78.2	5.4	76.1	.886	.79	83.0	82.8	„	0.5					
6 „	.579	.691	82.6	78.0	4.6	76.2	.888	.82	82.6	82.8	„	0.4					
7 „	.587	.688	81.6	78.0	3.6	76.6	.899	.86	82.0	82.8	„	0.6					
8 „	.601	.703	81.7	78.0	3.7	76.6	.898	.85	82.0	82.8	„	0.5					
9 „	.611	.713	81.7	78.0	3.7	76.6	.898	.85	81.2	82.8	W b N	0.4					
10 „	.625	.727	81.7	78.0	3.7	76.6	.898	.85	81.0	82.7	„	0.4					
11 „	.617	.708	81.5	78.2	3.3	76.9	.909	.87	81.0	82.7	„	0.5					
July 15th-Midnight	.596	.690	81.0	78.0	3.0	76.8	.906	.88	80.9	82.7	W b N	0.4	0.03				
1 a. m.	.584	.676	80.8	78.0	2.8	76.9	.908	.89	80.8	82.7	„	0.5					
2 „	.578	.672	81.0	78.0	3.0	76.8	.906	.88	80.6	82.6	WNW	0.5					
3 „	.564	.660	81.2	78.0	3.2	76.8	.904	.87	80.6	82.6	W b N	0.6					
4 „	.564	.658	81.0	78.0	3.0	76.8	.906	.88	80.6	82.6	WNW	0.5					
5 „	.574	.658	80.8	78.2	2.6	77.2	.916	.89	80.8	82.6	„	0.6					
6 „	.598	.691	81.3	78.1	3.2	76.9	.907	.89	81.4	82.6	W b N	0.4					
7 „	.607	.693	82.2	78.5	3.7	77.1	.914	.85	81.9	82.6	„	0.5					
8 „	.628	.716	84.3	79.0	5.3	77.6	.912	.80	83.0	82.7	„	0.6					
9 „	.632	.684	84.8	80.0	4.8	78.3	.948	.81	83.5	82.7	„	0.5					
10 „	.635	.694	86.3	80.2	6.1	78.0	.941	.77	84.0	82.8	NW b W	0.2					
11 „	.631	.674	86.7	80.7	6.0	78.6	.957	.78	84.2	82.9	„	0.6		None.	None.	None.	None.
Noon.	.618	.651	87.0	81.0	6.0	78.9	.967	.78	85.0	83.0	WNW	0.5					
1 p. m.	.610	.681	87.3	80.2	7.1	77.6	.929	.74	85.5	83.1	NW b W	0.5					
2 „	.586	.652	86.8	80.2	6.6	77.8	.934	.76	85.5	83.2	„	0.5					
3 „	.582	.652	87.2	80.2	7.0	77.7	.930	.74	85.6	83.4	„	0.4					
4 „	.577	.675	86.3	79.3	7.0	76.7	.902	.74	85.2	83.5	„	0.4					
5 „	.573	.689	84.5	78.4	6.1	76.1	.884	.77	84.3	83.6	„	0.6					
6 „	.592	.692	83.5	78.5	5.0	76.6	.900	.81	83.5	83.6	WNW	0.5					
7 „	.604	.716	82.6	78.0	4.6	76.2	.888	.82	83.0	83.6	„	0.5					
8 „	.620	.726	82.1	78.0	4.1	75.7	.874	.84	82.5	83 6	„	0.5					
9 „	.636	.756	82.2	77.7	4.5	75.9	.880	.82	82.4	83.5	„	0.4					
10 „	.632	.767	81.8	77.2	4.6	75.4	.865	.82	82.1	83.5	W b N	0.5					
11 „	.632	.766	81.7	77.2	4.5	75.4	.866	.82	82.0	83.4	WNW	0.6					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇i cirri; ⌇i cirro-cumuli; ⌒i cumuli; ⌣i cirro-strati; ⌒i cumulo-strati; and ⌇i nimbi.	
8	G	Overcast with ⌇i moving E; drops of rain at the time of observation.	
8	C	Overcast; gusts of wind from SW.	
8	C	" "	
8	C	" "	
8	C	Overcast; gusts of wind from SW; drops of rain at 4h. 38m.	
8	B	Overcast; light rain from full hour to 5h. 14m.	
8	B	Overcast; shower of rain with gusts of wind at 6h. 17m. lasted about 8m.	
8	B	Overcast with ⌇i moving ENE.	
8	B	" "	
8	G	Overcast; shower of rain with strong wind at 9h. 20m. lasted 5m.	
8	G	Overcast.	
8	G	Overcast; shower of rain at 11h. 50m. lasted 6m.	
8	G	Overcast; drops of rain falling; at 0h. 20m. a squall of rain and wind commenced: wind continued blowing for about 9m. with a force of about 4 lb. and rain lasted for about 20m.	Mean daily temperature of ground 20 and 60 inches below its surface 85°3 and 85°6. Daily fall of rain by Osler's Guage 0·83 in.
8	C	Densely overcast; light rain and squally wind.	
8	C	Overcast; squally wind.	
8	C	" "	
8	C	Overcast; some stars dimly visible about the zenith; gusts of wind blowing from WSW.	
8	B	Overcast with ⌇i moving rapidly to E.	
8	B	" "	
8	B	Overcast; rain with gusts of wind began to fall at 7h. 32m. and continued for about 20m.	
8	B	Overcast; light rain and wind at times.	
8	G	" "	
8	G	" "	
8	G	Overcast with ⌇i moving E.	
8	G	Overcast with ⌇i and ⌇i.	
8	C	Overcast; ⌇i in the zenith and ⌇i moving rapidly E; gusts of wind.	
8	C	" " " "	
8	C	" " " "	
8	C	" " " "	
8	B	Overcast; masses of ⌇i moving E.	
8	B	Overcast; ⌇i, and ⌇i moving E; drops of rain at 6h. 25m.	
8	B	Overcast.	
8	B	Overcast; a few stars dimly visible in the zenith.	
8	G	Overcast; a few stars dimly visible in N of zenith.	
8	G	" "	
8	G	Overcast; ⌇i and large masses of ⌇i; a shower of rain at 11h. 39m. lasted about 10m.	
8	G	Overcast; ⌇i moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°2 and 85°5. Daily fall of rain by Osler's Gauge 0·03 in.
8	C	" "	
8	C	" "	
8	C	" "	
8	C	" "	
8	B	Overcast; ⌇i moving E; hazy.	
8	B	" "	
8	B	Overcast; ⌇i and ⌇i moving E; haze.	
7	B	⌇i and ⌇i scattered throughout, the latter moving E; haze.	
7	G	" " "	
7	G	⌇i, ⌇i and ⌇i throughout; ⌇i moving E; mist around the hor.	
7	G	" " "	
7	G	" " "	
7	C	Overcast with ⌇i and ⌇i, both moving E; haze.	
8	C	" " "	
8	C	" " "	
7	C	" " "	
7	B	⌇i and ⌇i scattered throughout.	
8	B	" "	
8	B	Overcast with ⌇i and ⌇i; moon and some stars dimly visible.	
7	B	⌇i in SW of zenith; ⌇i in and about the zenith and ⌇i in masses passing from W to E.	
8	G	" " " "	
8	G	" " " "	
8	G	Overcast with ⌇i and ⌇i; ⌇i moving E.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 16th-Midnight	29.628	28.762	81·7	77·2	4·5	75·4	0·866	0·82	81·8	83·4	WNW	0.4					
1 a. m.	.610	.740	81·5	77.5	4.0	75.6	.870	.84	81.8	83.4	„	0.3					
2 „	.599	.699	81.5	78.0	3.5	76.6	.900	.86	81.8	83.3	„	0.4					
3 „	.581	.678	81.3	78.0	3.3	76.7	.903	.87	81.7	83.3	NW b W	0.8					
4 „	.583	.680	81.3	78.0	3.3	76.7	.903	.87	81.6	83.2	W b N	0.5					
5 „	.593	.690	81.3	78.0	3.3	76.7	.903	.87	81.6	83.1	WNW	0.6					
6 „	.607	.702	81.1	78·0	3.1	76.8	.905	.87	81.6	83.1	„	0.5					
7 „	.623	.720	82.0	78.2	3.8	76.7	.903	.85	81.9	83.1	NW b W	0.5					
8 „	.636	.717	83.6	79.0	4.6	77.3	.919	.82	83.0	83.1	WNW	0.4					
9 „	.637	.710	84.9	79.5	5.4	77.6	.927	.79	83.8	83.2	W b N	0.3					
10 „	.646	.734	85.8	79.4	6.4	77.0	.912	.76	84.5	83.2	WNW	0.5	None.			None.	
11 „	.642	.730	85.8	79.4	6.4	77.0	.912	.76	84·5	83.4	W b N	0.4					
Noon.	.634	.699	86.0	80.0	6.0	77.8	.935	.77	84.7	83.5	WNW	0.2					
1 p. m.	.620	.685	86.0	80.0	6.0	77.8	.935	.77	84.9	83.5	„	0.3		+	6		2.16
2 „	.603	.670	86.2	80.0	6.2	77.8	.933	.76	85.1	83.6	NW b W	0.3		+	2		5.14
3 „	.588	.674	85.6	79.4	6.2	77.1	.914	.77	84.9	83.6	„	0.5					
4 „	.580	.666	85·6	79.4	6.2	77.1	.914	.77	84.8	83.7	„	0.4					
5 „	.578	.688	84.4	78.5	5.9	76.3	.890	.77	84.2	83.7	„	0.6					
6 „	.582	.699	83.1	78.0	5.1	76.0	.883	.80	83.2	83.7	WNW	0.5					
7 „	.602	.730	82.3	77.5	4.8	75.6	.872	.81	82.6	83.7	„	0.6					
8 „	.606	.711	82.0	78.0	4.0	76.5	.895	.84	82.5	83.7	NW b W	0.6					
9 „	.620	.731	81.8	77.8	4.0	76.3	.889	.84	82.3	83.6	„	0.5					
10 „	.633	.736	81.8	78.0	3.8	76.5	.897	.85	82.3	83.6	„	0.4					
11 „	.626	.725	81.8	78.1	3.7	76.7	.901	.85	82.3	83.5	WNW	0.4					
July 18th-Midnight	.619	.713	81.0	78.0	3.0	76.8	.906	.88	81.2	83.2	WNW	1.4					
1 a. m.	.611	.697	81.0	78.2	2.8	77·1	.914	.89	81.2	83.2	„	1.0					
2 „	.601	.695	81.0	78.0	3.0	76.8	.906	.88	81.2	83.2	„	1.3					
3 „	.597	.691	81.0	78.0	3.0	76.8	.906	.88	81.2	83.2	„	1.1					
4 „	.599	.692	80.9	78·0	2.9	76.9	.907	.88	81·2	83.1	„	1.4					
5 „	.608	.701	80.9	78.0	2.9	76.9	.907	.88	81.2	83.1	W b N	1.0					
6 „	.618	.739	79.8	77.0	2.8	75.9	.879	.88	80.9	83.1	„	1.0	0.01				
7 „	.632	.737	80.5	77.6	2.9	76.5	.895	.88	81.0	83·0	„	0.6					
8 „	.634	.738	80.2	77.6	2.6	76.6	.898	.89	80.8	83.0	W	0.8	0.01				
9 „	.640	.737	81.3	78.0	3.3	76.7	.903	.87	81.0	82.9	„	0.6	0.02				
10 „	.644	.737	80.9	78.0	2.9	76.9	.907	.88	81.0	82.8	„	0.5	0.01				
11 „	.650	.780	81.5	77.5	4.0	75.6	.870	.84	81.3	82.8	„	0.6					
Noon.	.641	.746	82.0	78.0	4.0	76.5	.895	.84	82.0	82.8	W b N	0.5		None.	None.	None.	None.
1 p. m.	.627	.746	80.4	77.2	3.2	76.0	.881	.87	81.5	82.9	W b S	0.8	0.01				
2 „	.615	.719	81.5	77.9	3.6	76.5	.896	.86	81.8	83.0	„	0.8					
3 „	.595	.698	81.8	78.0	3.8	76.5	.897	.85	81.9	83.1	„	0.5					
4 „	.581	.679	81.4	78.0	3.4	76.7	.902	.86	81.8	83.1	„	0.4					
5 „	.573	.667	81.0	78.0	3.0	76.8	.906	.88	81.5	83.1	„	0.3	0.01				
6 „	.581	.681	80.8	77.8	3.0	76.6	.900	.88	81.3	83.1	„	1.0					
7 „	.582	.687	80.5	77.6	2.9	76.5	.895	.88	81.0	83.0	WSW	1·0					
8 „	.588	.693	80.5	77.6	2.9	76.5	.895	.88	81.0	83.0	„	1.3	0.01				
9 „	.594	.705	80.4	77.4	3.0	76.3	.889	.88	80.5	82.9	„	1.6					
10 „	.598	.704	80.3	77.5	2.8	76.4	.894	.88	80.4	82.8	„	1.0					
11 „	.596	.702	80.3	77.5	2.8	76.4	.894	.88	80.4	82.8	„	1.2					
July 19th-Midnight	.582	.687	80.5	77.6	2.9	76.5	.895	.88	80.7	82.8	W b S	0.8					
1 a. m.	.561	.661	80.8	77.8	3.0	76.6	.900	.88	80·7	82.7	„	1.0					
2 „	.554	.648	81.0	78.0	3.0	76.8	.906	.88	80.7	82.7	„	0.9					
3 „	.547	.630	80.0	78.0	2.0	77.2	.917	.92	80.4	82·7	„	0.9	0.02				
4 „	.540	.633	79.4	77.6	1.8	76.9	.907	.92	80.3	82.6	W	½ to 1½	0.03				
5 „	.536	.619	80.0	78.0	2.0	77.2	.917	.92	80.5	82.6	W b N	1.0		None.	None.	None.	None.
6 „	.542	.646	80.1	77.5	2.6	76.5	.896	.89	80.6	82.6	„	0.6					
7 „	.553	.642	80.5	78.0	2.5	77.0	.911	.90	81·0	82.6	W	0.5					
8 „	.574	.670	81.2	78.0	3.2	76·8	.904	.87	81.4	82.6	„	0.6					
9 „	.575	.656	81.8	78.5	3.3	77.3	.919	.87	81.6	82.7	„	0.8					
10 „	.576	.688	81.6	78.0	4.6	76.2	.888	.82	82.0	82.7	W b N	0.7					
11 „	.582	.656	83.0	79.0	4.0	77.5	.926	.84	82.1	82.7	W	0.7					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌒i cirri; ⌒⌒i cirro-cumuli; ⌒i cumuli; ⌒⌒i cirro-strati; ⌒⌒i cumulo-strati; and ⌒⌒i nimbi.	
8	G	Overcast; ⌒⌒i moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°2 and 85°5. 16th July was the 10th day on which fall of rain was less than 0·01 in.
8	C	Overcast; ⌒⌒i in SW of zenith and ⌒⌒i passing from W to E; a few drops of rain at 1h. 4m.	
8	C	Overcast; ⌒⌒i moving ESE.	
8	C	Overcast; ⌒⌒i moving ESE; fresh breezes from WNW.	
8	C	" " "	
8	B	Overcast; ⌒⌒i moving E.	
8	B	Overcast; ⌒⌒i moving E; haze in hor.	
8	B	Overcast; ⌒i throughout and ⌒⌒i moving rapidly to E; haze.	
8	B	Overcast; ⌒⌒i in SW of zenith, ⌒i throughout and ⌒⌒i moving E; haze.	
8	G	Overcast; ⌒i around the hor.; ⌒⌒i in W above hor. and ⌒⌒i passing from W to E; haze.	
8	G	" " " "	
8	G	Overcast; masses of ⌒⌒i moving E; drops of rain at 11h. 57m.	
8	G	Overcast; drops of rain continued falling to 11h. 9m.	
8	C	Overcast; ⌒⌒i moving E.	
8	C	Overcast; ⌒⌒i moving E; slight rain at 2h. 21m.	
8	C	Overcast; ⌒⌒i in the zenith and ⌒⌒i moving E.	
8	C	" " "	
8	B	⌒⌒i and ⌒⌒i scattered all over the sky.	
8	B	" "	
8	B	" "	
8	B	⌒⌒i scattered throughout and ⌒⌒i passing from W to E.	
8	B	Overcast with ⌒⌒i and ⌒⌒i; ⌒⌒i moving E.	
8	B	" " "	
8	B	Overcast with ⌒⌒i moving ESE.	
8	G	Overcast; drops of rain falling from 0h. 6m. to 0h. 22m.	Mean daily temperature of ground 20 and 60 inches below its surface 852° and 85°5. Daily fall of rain by Osler's Gauge ·08 in.
8	C	Overcast; drops of rain falling; fresh breezes of wind blowing from WSW.	
8	C	" " " "	
8	C	Overcast; fresh breezes of wind blowing from WNW.	
8	C	" " "	
8	B	Overcast; drops of rain falling; light shower of rain at about 5h. 29m.	
8	B	Overcast; drizzling rain which was falling from the last observation ceased at 6h. 25m.	
8	B	Overcast; light rain at 7h. 20m.	
8	B	Overcast; light rain at 8h. 30m.	
8	G	Overcast; light rain.	
8	G	Overcast; drops of rain falling.	
8	G	Overcast; thin drops of rain falling.	
8	G	Overcast; slight rain.	
8	C	Overcast; drops of rain.	
8	C	Overcast.	
8	C	Overcast; drops of rain at 3h. 15m.	
8	C	Overcast; slight rain.	
8	B	Overcast; slight rain falling.	
8	B	" "	
8	B	" "	
8	B	Overcast; slight rain falling; fresh breezes of wind blowing from SW.	
8	G	Overcast; fresh breezes from W; drops of rain at 9h. 39m.	
8	G	Overcast; drops of rain.	
8	G	Overcast; fresh breezes of wind.	
8	G	Densely overcast with ⌒⌒i moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°2 and 85°5. Daily fall of rain by Osler's Gauge 0·38 in. Height of barometer at 4 P. M. was 29·535 in., lowest in the month and about 0·070 in. lower than the normal mean height for that hour.
8	C	Densely overcast with ⌒⌒i moving E; fresh breezes from W.	
8	C	Overcast; gusts of wind from WSW. light rain from 2h. 43m. to 2h. 52m.	
8	C	Overcast; fresh breezes of wind; light rain at 3h. 44m.	
8	C	Overcast; fresh breezes of wind.	
8	B	Overcast; ⌒⌒i moving ENE.	
8	B	" "	
8	B	" "	
8	B	" "	
8	G	" "	
8	G	" "	
8	G	Overcast; ⌒⌒i moving ENE; a few drops of rain at 11h. 42m.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 19th-Noon.	29.573	28.641	83°2	79°2	4°0	77°7	0.932	0.84	82°2	82°8	W	0.8					
1 p. m.	.569	.637	83.2	79.2	4.0	77.7	.932	.84	82.7	82.9	W b S	0.8					
2 „	.557	.647	80.6	78.0	2.6	77.0	.910	.89	81.4	82.9	„	0 to 2¾	0.24				
3 „	.546	.628	81.4	78.4	3.0	77.3	.918	.88	81.4	82.9	„	1.0	0.09				
4 „	.535	.614	82.0	78.6	3.4	77.4	.921	.86	81.9	82.9	„	1.4					
5 „	.548	.653	82.0	78.0	4.0	76.5	.895	.84	81.9	83.0	W	0.8					
6 „	.559	.660	81.6	78.0	3.6	76.6	.899	.86	81.9	83.0	W b S	0.7		None.	None.	None.	None.
7 „	.579	.679	81.5	78.0	3.5	76.6	.900	.86	81.7	83.0	„	0.5					
8 „	.589	.683	81.0	78.0	3.0	76.8	.906	.88	81.5	82.9	„	0.6					
9 „	.597	.691	81.0	78.0	3.0	76.8	.906	.88	81.2	82.8	W	0.7					
10 „	.610	.702	80.8	78.0	2.8	76.9	.908	.89	81.0	82.8	W b S	0.6	0.01				
11 „	.614	.719	80.5	77.6	2.9	76.5	.895	.88	80.9	82.8	„	0.6					
July 20th-Midnight	.592	.715	80.0	77.0	3.0	75.8	.877	.88	80.5	82.8	W b S	0.5					
1 a. m.	.585	.672	80.4	78.0	2.4	77.1	.913	.90	80.9	82.8	„	0.8					
2 „	.574	.670	80.1	77.7	2.4	76.8	.904	.90	80.9	82.8	„	0.9	0.09				
3 „	.568	.654	80.3	78.0	2.3	77.1	.914	.90	81.0	82.7	WSW	0.7					
4 „	.558	.644	80.3	78.0	2.3	77.1	.914	.90	81.0	82.6	„	0.7					
5 „	.563	.668	80.5	77.6	2.9	76.5	.895	.88	81.0	82.6	„	0.8					
6 „	.571	.685	79.9	77.2	2.7	76.1	.886	.89	80.5	82.6	„	0.6					
7 „	.590	.721	80.7	77.0	3.7	75.5	.869	.85	81.0	82.6	„	0.4					
8 „	.603	.726	80.0	77.0	3.0	75.8	.877	.88	80.6	82.6	W	0.7	0.02				
9 „	.609	.709	81.5	78.0	3.5	76.6	.900	.86	81.0	82.5	WSW	0.6					
10 „	.612	.742	81.5	77.5	4.0	75.6	.870	.84	81.2	82.5	„	0.8					
11 „	.613	.681	80.6	78.5	2.1	77.7	.932	.91	80.5	82.4	W b N	0.8	0.05	None.	None.	None.	None.
Noon.	.605	.667	80.8	78.7	2.1	77.9	.938	.91	80.7	82.4	„	0.8					
1 p. m.	.598	.671	81.8	78.7	3.1	77.6	.927	.87	81.1	82.5	W b S	0.8					
2 „	.579	.656	79.8	78.1	1.7	77.4	.923	.93	80.4	82.5	WNW	0.4	0.20				
3 „	.563	.679	79.7	77.1	2.6	76.1	.884	.89	80.3	82.5	W b N	0.5	0.07				
4 „	.568	.622	81.2	79.0	2.2	78.2	.946	.91	81.1	82.6	W b S	0.5	0.01				
5 „	.578	.667	80.5	78.0	2.5	77.0	.911	.90	81.0	82.6	W	0.8					
6 „	.596	.688	80.8	78.0	2.8	76.9	.908	.89	81.1	82.6	„	0.7	0.02				
7 „	.602	.711	80.6	77.5	3.1	76.3	.891	.87	81.0	82.6	„	1.0					
8 „	.618	.748	80.6	77.0	3.6	75.6	.870	.85	81.1	82.5	„	0.6					
9 „	.622	.753	80.7	77.0	3.7	75.5	.869	.85	80.7	82.5	„	1.0					
10 „	.626	.746	80.5	77.2	3.3	75.9	.880	.87	80.5	82.5	W b S	0.8					
11 „	.624	.744	80.5	77.2	3.3	75.9	.880	.87	80.5	82.5	W	0.7					
July 21st-Midnight	.620	.720	80.8	77.8	3.0	76.6	.900	.88	80.7	82.5	W b S	0.6					
1 a. m.	.599	.677	79.5	78.0	1.5	77.4	.922	.94	80.0	82.4	„	0 to 5½	0.41				
2 „	.587	.670	80.0	78.0	2.0	77.2	.917	.92	80.6	82.3	W	1.0					
3 „	.585	.687	79.6	77.4	2.2	76.6	.898	.90	80.2	82.3	W b S	2.5					
4 „	.589	.705	79.4	77.0	2.4	76.1	.884	.90	80.0	82.3	W	1.4					
5 „	.595	.711	79.4	77.0	2.4	76.1	.884	.90	80.0	82.3	„	1.0					
6 „	.613	.719	80.3	77.5	2.8	76.4	.894	.88	80.5	82.2	„	0.6					
7 „	.631	.751	79.7	77.0	2.7	75.9	.880	.89	80.3	82.2	W b N	0.8	0.04				
8 „	.639	.730	80.0	77.8	2.2	76.9	.909	.91	80.2	82.2	W	0.7	0.01				
9 „	.650	.734	82.0	78.5	3.5	77.2	.916	.86	81.5	82.3	W b N	0.8					
10 „	.656	.772	83.0	78.0	5.0	76.1	.884	.80	82.0	82.4	W	0.7					
11 „	.644	.714	84.1	79.4	4.7	77.7	.930	.82	82.3	82.4	W b N	0.6					
Noon.	.630	.704	84.0	79.2	4.8	77.5	.926	.81	82.5	82.4	W	0.6		None.	None.	None.	None.
1 p. m.	.627	.667	85.5	80.0	5.5	78.0	.940	.81	83.9	82.6	W b S	0.9					
2 „	.605	.706	84.0	78.6	5.4	76.6	.899	.79	83.0	82.6	WSW	1.0					
3 „	.583	.734	81.8	76.8	5.0	74.8	.849	.80	82.0	82.6	W	1.5					
4 „	.573	.703	80.6	77.0	3.6	75.6	.870	.85	81.2	82.6	W b S	0.8	0.02				
5 „	.565	.673	80.5	77.5	3.0	76.4	.892	.88	81.0	82.6	W	0 to 1¼					
6 „	.571	.674	78.9	77.2	1.7	76.5	.897	.93	80.2	82.5	„	0.6	0.02				
7 „	.583	.691	79.4	77.2	2.2	76.4	.892	.91	80.3	82.5	„	0.8					
8 „	.593	.696	80.0	77.5	2.5	76.5	.897	.90	80.6	82.5	„	0.7					
9 „	.603	.706	80.3	77.6	2.7	76.5	.897	.89	80.6	82.5	W b S	1.5					
10 „	.609	.732	80.0	77.0	3.0	76.8	.877	.88	80.4	82.5	WSW	1.0					
11 „	.609	.732	80.0	77.0	3.0	75.8	.877	.88	80.0	82.5	W b S	0 to 2½					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌒i cirri; ∿i cirro-cumuli; ∩i cumuli; ⌣i cirro-strati; ∩i cumulo-strati; and ∿i nimbi.	
8	G	Overcast; fresh breezes of wind from W.	
8	C	Overcast; a squall of wind and rain at 1h. 18m. lasted about 15m.	
8	C	Overcast; a shower of rain at 2h. 3m. lasted 14m.	
8	C	Overcast; drops of rain at 3h. 57m.	
8	C	Overcast; fresh breezes from WSW; drops of rain at 4h. 30m.	
8	B	Overcast.	
8	B	"	
8	B	Overcast; passing rain at 7h. 35m.	
8	B	Overcast.	
8	G	Overcast; light rain from 9h 33m. to 9h. 39m.	
8	G	Overcast; drops of rain at 10h. 52m.	
8	G	Overcast.	
8	G	Overcast with ∿i moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°1 and 85°5. Daily fall of rain by Osler's Gauge 0·46 in.
8	C	Overcast; fresh breezes from WSW; shower of rain at 1h. 17m. lasted 8m.	
8	C	Overcast; fresh breezes of wind.	
8	C	" "	
8	C	Overcast; ∿i in W above hor.; and ∿i moving ENE.	
8	B	Overcast.	
8	B	Overcast; ⌒i and ∿i covering all over the sky and ∿i around hor.	
8	B	Overcast; ⌒i and ∿i covering all over the sky and ∿i around hor.; a shower of rain at 7h. 32m. lasted 4m.	
8	B	Overcast; ∿i moving rapidly NE.	
8	G	" "	
8	G	Overcast; ∿i moving rapidly NE; light rain at times.	
8	G	Overcast; drizzling rain.	
8	G	Overcast; rain ceased at 0h. 9m.	
8	C	Overcast; squalls of rain and wind at times.	
8	C	Overcast; light showers of rain at times.	
8	C	Overcast; rain which was falling from last hour ceased at 3h. 11m.	
8	C	Overcast; passing shower of rain at 4h. 17m.	
8	B	Overcast ∿i moving rapidly ENE; light rain at 5h. 3m. lasted 3m.	
8	B	Overcast; ∿i above and the ∿i below moving ENE; drops of rain at 6h. 58m.	
8	B	Overcast; drops of rain at 7h. 12m.	
8	B	Overcast with ∿i and ∿i; a few stars and the moon dimly visible at times.	
8	G	Overcast; drops of rain at 9h. 9m.	
8	G	Overcast; moon dimly visible at times.	
8	G	Overcast; a few drops of rain at 11h. 32m.	
8	G	Densely overcast; at about 0h. 20m. a squall of heavy rain and wind commenced and continued for 20m., force of wind about 3lb.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 85°4. Daily fall of rain by Osler's Gauge 0·50 in.
8	C	Overcast; fresh breezes from SW.	
8	C	Overcast; drops of rain and gusts of wind at times.	
8	B	Overcast; gusts of wind from SW; drops of rain at 3h. 30m.	
8	B	Overcast; slight rain at 4h. 29m.	
8	G	Overcast.	
8	G	Ovcerast; light shower of rain at 5h. 30m. lasted 2m.	
8	C	Overcast; light rain.	
8	C	Overcast.	
8	B	"	
8	B	"	
8	G	"	
8	G	Overcast; ⌒i and ∿i in SE of zenith; ∿i passing from W to E.	
8	C	Overcast; ∿i in SW and S of zenith; and ∿i throughout.	
8	C	Overcast; ∿i in SW and S of zenith; and ∿i throughout; drops of rain at 2h. 6m.	
8	B	Overcast; light rain from 3h. 4m. to 3h. 10m.	
8	B	Overcast.	
8	G	Overcast; light rain.	
8	G	" "	
8	C	Overcast with ∿i moving ENE.	
8	C	" "	
8	B	Overcast with ∿i moving ENE; drops of rain at 9h. 45m.	
8	B	Overcast; ∿i moving E.	
8	G	Overcast; a squall of rain and wind at 11h. 50m. lasted about 8m.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds during the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 22nd-Midnight	29.591	28.714	80°0	77°0	3°0	75°8	0.877	0.88	80°0	82°5	W b S	0.7	0.10				
1 a. m.	.578	.685	78.5	77.0	1.5	76.4	.893	.94	79.5	82.4	WNW	3.5	0.15				
2 „	.562	.679	77.7	76.5	1.2	76.0	.883	.95	79.2	82.4	W	2.0	0.33				
3 „	.550	.657	78.5	77.0	1.5	76.4	.893	.94	79.4	82.3	„	1.8	0.05				
4 „	.550	.662	79.0	77.0	2.0	76.2	.888	.92	79.6	82.3	„	¾ to 2½					
5 „	.561	.671	79.2	77.1	2.1	76.3	.890	.91	79.6	82.3	„	1.4					
6 „	.575	.656	79.8	78.0	1.8	77.3	.919	.92	80.2	82.3	„	0.8					
7 „	.596	.683	79.6	77.8	1.8	77.1	.913	.92	80.1	82.2	W b S	2.0	0.22				
8 „	.611	.702	80.7	78.0	2.7	76.9	.909	.89	80.9	82.2	W	1.2					
9 „	.618	.712	81.7	78.2	3.5	76.8	.906	.86	81.0	82.1	W b S	½ to 2					
10 „	.623	.713	79.6	77.8	1.8	77.1	.913	.92	80.3	82.1	„	0.7	0.02				
11 „	.620	.725	82.0	78.0	4.0	76.5	.895	.84	81.4	82.2	WNW	0.7		None.	None.	None.	None.
Noon.	.608	.728	82.2	77.7	4.5	75.9	.880	.82	81.4	82.2	W	0.6	0.01				
1 p. m.	.599	.707	82.3	78.0	4.3	76.4	.892	.83	81.7	82.3	WSW	0.7					
2 „	.584	.654	80.8	78.5	2.3	77.7	.930	.91	81.2	82.3	W b S	0.6	0.04				
3 „	.571	.678	79.3	77.2	2.1	76.4	.893	.91	80.5	82.4	„	0.7	0.01				
4 „	.561	.673	79.0	77.0	2.0	76.2	.888	.92	79.9	82.3	W	0.7	0.06				
5 „	.562	.664	78.8	77.2	1.6	76.6	.898	.93	79.9	82.4	„	½ to 1½	0·19				
6 „	.564	.664	79.8	77.5	2.3	76.6	.900	.90	80.3	82.4	„	1.0					
7 „	.580	.698	79.5	77.0	2.5	76.0	.882	.90	80.2	82.4	W b N	1.0	0.02				
8 „	.595	.695	79.8	77.5	2.3	76.6	.900	.90	80.2	82.4	W	1.0					
9 „	.598	.703	78.4	77.0	1.4	76.5	.895	.94	80.0	82.3	„	1.4					
10 „	.611	.716	78.4	77.0	1.4	76.5	.895	.94	79.7	82.2	W b S	1.0	0.06				
11 „	.609	.721	79.0	77.0	2.0	76.2	.888	.92	79.5	82.2	„	0.7	0.04				
July 23rd-Midnight	.606	.703	79.8	77.6	2.2	76.7	.903	.91	79.8	82.2	W b S	0.7					
1 a. m.	.590	.687	79.8	77.6	2.2	76.7	.903	.91	79.8	82.1	„	1.0					
2 „	.580	.676	79.8	77.7	2.1	76.8	.904	.91	79.8	82.1	WSW	½ to 1½					
3 „	.561	.656	80.0	77.7	2.3	76.8	.905	.90	80.1	82.1	W b S	0·8					
4 „	.563	.673	79.6	77.2	2.4	76.3	.890	.90	80.1	82.1	WSW	0.6					
5 „	.575	.672	79.5	77.5	2.0	76.7	.903	.92	80.0	82.0	W b N	2.0	0·27				
6 „	.593	.714	79.8	77.0	2.8	75.9	.879	.88	80.0	82.0	W	½ to 1½	0.02				
7 „	.617	.719	79.6	77·4	2.2	76.6	.898	.91	80.0	82.0	„	½ to 1½					
8 „	.638	.725	80.4	78.0	2.4	77.1	.913	.90	80.5	81.9	„	0.8					
9 „	.651	.740	81.3	78.2	3.1	77.0	.911	.87	81.0	81.8	W b S	0.7					
10 „	.646	.732	82.2	78.5	3.7	77.1	.914	.85	81.6	81.9	„	0.2					
11 „	.637	.718	83.6	79.0	4.6	77.3	.919	.82	82.0	82.0	WSW	0.7		None.	None.	None.	None.
Noon.	.635	.690	84.3	79.8	4.5	78.2	.945	.82	83.1	82.1	„	0.7					
1 p. m.	.635	.719	82.0	78.5	3.5	77.2	.916	.86	82.1	82.1	„	0.9	0.08				
2 „	.627	.726	82.2	78.2	4.0	76.7	.901	.84	82.1	82.2	„	1.4					
3 „	.614	.691	83.3	79.0	4.3	77.4	.923	.83	82.3	82.3	„	0.8					
4 „	.614	.715	82·4	78.2	4.2	76.6	.899	.83	82.0	82.4	„	0.7					
5 „	.617	.711	8.17	78.2	3.5	76.8	.906	.86	81.9	82.4	„	0.7					
6 „	.627	.737	80.7	77.5	3.2	76.3	.890	.87	81.2	82.3	„	0·4					
7 „	.636	.750	80.3	77.3	3.0	76.1	.886	.88	80.6	82.3	„	0.3					
8 „	.644	.769	80.2	77.0	3.2	75.8	.875	.87	80.3	82.3	„	0.3					
9 „	.644	.772	80·2	77.0	3.2	75.8	.875	.87	80.2	82.2	„	0.6					
10 „	.647	.752	80.2	77.5	2.7	76.5	.895	.89	80.1	82.2	SW b W	0.6					
11 „	.643	.766	80.0	77.0	3.0	75.8	.877	.88	80.0	82.1	„	0.6					
July 25th-Midnight	.688	.878	79.0	75.0	4.0	73.3	.810	.84	79.1	82.4	WSW	0.2	0.19				
1 a. m.	.680	.796	79.4	77.0	2·4	76·1	.884	.90	79.1	82.4	„	0.9	0·01				
2 „	.676	.790	79.2	77·0	2.2	76.1	.886	.91	79.0	82.4	W b S	0.7	0.02				
3 „	.672	.786	79.2	77.0	2.2	76.1	.886	.91	78.9	82.3	WSW	0.6					
4 „	.674	.794	79.7	77.0	2.7	75.9	.880	.89	78.9	82.2	„	0.8		None.	None.	None.	None.
5 „	.684	.803	79.6	77.0	2.6	76.0	.881	.89	80.0	82·2	W b S	1.3					
6 „	.704	.814	79.6	77.2	2.4	76.3	.890	.90	80.0	82.2	„	0·7					
7 „	.721	.826	80.2	77.5	2.7	76.5	·895	.89	80·5	82.2	„	0.5					
8 „	.731	.827	81.2	78.0	3.2	76·8	.904	.87	81.0	82.2	„	0·8					
9 „	.736	.764	82.3	77.5	4·8	75.6	.872	.81	81.8	82.2	W	0.7					
10 „	.749	.865	83.0	78.0	5.0	76.1	.884	.80	82.0	82.3	W b S	0.6					
11 „	.749	.831	83.7	79.0	4.7	77.3	.918	.82	82.5	82.3	„	0.7					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cci cirro-cumuli; Cu cumuli; Cs cirro-strati; Csc cumulo-strati; and Cn nimbi.	
8	G	Overcast; squalls of rain and wind at times.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 85°4. Daily fall of rain by Osler's Gauge 1.28 in.
8	C	Overcast; heavy rain and strong wind.	
8	C	Overcast; showers of rain with gusts of wind from SW occasionally.	
8	C	Overcast; drops of rain which were falling from last hour ceased at 3h. 19m.	
8	C	Overcast; no rain; gusts of wind from WSW.	
8	B	" " "	
8	B	Overcast; Cci moving NE; shower of rain with gusts of wind at 6h. 7m. lasted about 10m.	
8	B	Overcast; gusts of wind blowing from WSW.	
8	B	" " "	
8	G	Overcast; light rain at 9h. 17m. lasted 10m.	
8	G	Overcast; drizzling rain.	
8	G	Overcast; shower of rain at 11h. 26m. lasted 9m.	
8	G	Overcast.	
8	C	Overcast; shower of rain at 1h. 12m. lasted 6m.	
8	C	Overcast; shower of rain at 2h. 35m. lasted 6m.	
8	C	Overcast; shower of rain at 3h. 55m. lasted 4m.	
8	C	Overcast; raining.	
8	B	Overcast; no rain.	
8	B	Overcast; shower of rain at 6h. 30m.	
8	B	Overcast; no rain.	
8	B	Overcast; gusts of wind blowing from WSW; drops of rain at 8h. 16m.	
8	G	Overcast; gusts of wind and light rain at times.	
8	G	Overcast; light rain at 10h. 48m.	
8	G	Overcast.	
8	G	Densely overcast with Cci moving E; drops of rain.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 85°4. Daily fall of rain by Osler's Gauge 0·36 in.
8	C	Densely overcast with Cci moving E; fresh breezes from WSW.	
8	C	" " "	
8	C	" " "	
8	C	Overcast; squall of rain and wind at 4h. 20m. lasted about 10m.	
8	B	Overcast; shower of rain at 5h. 35m.	
8	B	Overcast.	
8	B	"	
8	B	"	
8	G	"	
8	G	"	
8	G	"	
8	G	Overcast; shower of rain at 0h. 20m. lasted 10m.	
8	C	Overcast; fresh breezes of wind from W.	
8	C	" "	
8	C	Overcast; fresh breezes of wind from W; slight rain at 3h. 3m.	
8	C	Overcast.	
8	C	Overcast; slight rain at 5h. 5m.	
8	C	Overcast.	
8	C	"	
8	C	Overcast; a few stars dimly visible in the zenith.	
8	C	Overcast; some stars dimly visible in and about the zenith; fresh breezes from WSW.	
8	C	" " " "	
8	C	" " " "	
8	G	Overcast with Cci moving E; shower of rain at 0h. 26m. lasted 4m.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 85°4. Daily fall of rain by Osler's Gauge 0·25 in. Temperature of evaporation and that of the dew-point was lowest during the month on this day at midnight.
8	C	Overcast; light rain.	
8	C	Overcast; Cci moving ENE.	
8	C	" "	
8	C	Overcast; Cci moving ENE; a few stars dimly visible in the zenith.	
8	B	Overcast; Cci moving NE.	
8	B	" "	
8	B	" "	
8	B	Overcast; Cci moving NE; drops of rain at 8h. 32m.	
8	G	Overcast; large masses of Cci passing from W to E.	
8	G	" " "	
8	G	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 25th-Noon.	29.741	28.829	84°3	79°0	5°3	77°0	0.912	0.80	83°0	82°4	W b S	0.7					
1 p. m.	.732	.823	84.5	79.0	5.5	76.9	.909	.79	83.1	82.4	„	0.9					
2 „	.723	.825	83.7	78.5	5.2	76.6	.898	.80	83.1	82.5	„	0.8					
3 „	.711	.821	83.2	78.2	5.0	76.3	.890	.80	82.9	82.6	„	0.9					
4 „	.710	.815	82.0	78.0	4.0	76.5	.895	.84	82.4	82.6	„	0.7	0.03				
5 „	.721	.821	81.5	78.0	3.5	76.6	.900	.86	82.0	82.6	„	0.7		None.	None.	None.	None.
6 „	.728	.842	81.0	77.5	3.5	76.1	.886	.86	81.5	82.6	WSW	0.8	0.01				
7 „	.740	.870	80.6	77.0	3.6	75.6	.870	.86	81.0	82.6	W b S	0.8					
8 „	.754	.884	80.6	77.0	3.6	75.6	.870	.86	81.0	82.6	„	0.7					
9 „	.767	.863	80.4	77.8	2.6	76.8	.904	.89	81.0	82.5	„	0.6					
10 „	.772	.868	80.4	77.8	2.6	76.8	.904	.89	80.8	82.5	„	0.6					
11 „	.768	.874	80.3	77.5	2.8	76.4	.894	.88	80.5	82.5	WSW	0.8					
July 26th-Midnight	.755	.880	80.2	77.0	3.2	75.8	.875	.87	80.3	82.4	W b S	0.6					
1 a. m.	.743	.868	80.2	77.0	3.2	75.8	.875	.87	80.3	82.4	„	0.5					
2 „	.731	.854	80.0	77.0	3.0	75.8	.877	.88	80.3	82.4	„	0.7					
3 „	.725	.848	80.0	77.0	3.0	75.8	.877	.88	80.3	82.3	„	0.6					
4 „	.727	.850	80.0	77.0	3.0	75.8	.877	.88	80.3	82.3	„	0.5					
5 „	.740	.873	79.1	76.5	2.6	75.5	.867	.89	80.0	82.3	„	0.8	0.02				
6 „	.763	.882	79.6	77.0	2.6	76.0	.881	.89	80.2	82.3	„	0.7					
7 „	.774	.879	80.2	77.0	3.2	76.5	.895	.87	80.5	82.2	„	0.7					
8 „	.784	.889	82.0	78.0	4.0	76.5	.895	.84	81.2	82.3	W	0.7					
9 „	.795	.915	82.2	77.7	4.5	75.9	.880	.82	81.4	82.4	W b S	0.6					
10 „	.805	.906	83.6	78.5	5.1	76.6	.899	.80	82.3	82.4	„	0.5					
11 „	.808	.878	84.1	79.4	4.7	77.7	.930	.82	83.0	82.5	„	0.4					
Noon.	.795	.868	84.1	79.4	4.7	77.7	.930	.82	83.0	82.5	„	0.5		None.	None.	None.	None.
1 p. m.	.788	.868	84.7	79.3	5.4	77.3	.920	.79	83.3	82.6	„	0.5					
2 „	.775	.837	85.7	80.0	5.7	77.9	.938	.78	84.0	82.7	„	0.4					
3 „	.765	.863	85.0	79.0	6.0	76.8	.904	.77	83.9	82.8	„	0.4					
4 „	.759	.859	83.5	78.5	5.0	76.6	.900	.81	83.2	82.9	WSW	0.5					
5 „	.758	.872	82.8	78.0	4.8	76.1	.886	.81	83.0	82.9	W b S	0.7					
6 „	.760	.917	80.3	76.2	4.1	74.6	.843	.83	81.0	82.9	W	1.0	0.10				
7 „	.773	.892	79.6	77.0	2.6	76.0	.881	.89	80.5	82.9	W b S	0.7					
8 „	.778	.877	79.7	77.5	2.2	76.7	.901	.91	80.4	82.8	W	0.7	0.02				
9 „	.779	.862	80.0	78.0	2.0	77.2	.917	.92	80.5	82.7	W b S	0.7					
10 „	.792	.879	79.6	77.8	1.8	77.1	.913	.92	80.1	82.6	WSW	0.6					
11 „	.784	.871	79.6	77.8	1.8	77.1	.913	.92	80.0	82.6	„	0.7	0.07				
July 27th-Midnight	.760	.847	79.6	77.8	1.8	77.1	.913	.92	80.2	82.6	W b S	0.5					
1 a. m.	.730	.831	78.0	77.0	1.0	76.6	.899	.96	80.0	82.5	WSW	0.3	0.32				
2 „	.719	.844	77.7	76.3	1.4	75.8	.875	.94	79.5	82.4	W	0 to 1	0.05				
3 „	.709	.821	79.0	77.0	2.0	76.2	.888	.92	79.7	82.4	„	0.3					
4 „	.711	.826	78.5	76.8	1.7	76.1	.885	.93	79.4	82.3	„	0.2	0.02				
5 „	.721	.839	78.8	76.8	2.0	76.0	.882	.92	79.4	82.3	„	0.6					
6 „	.736	.848	79.0	77.0	2.0	76.2	.888	.92	79.6	82.3	W b N	0.3					
7 „	.749	.852	80.0	77.5	2.5	76.5	.897	.90	80.1	82.2	„	0.4					
8 „	.766	.861	81.1	78.0	3.1	76.8	.905	.87	81.0	82.2	„	0.3					
9 „	.772	.860	82.8	78.6	4.2	77.0	.912	.83	81.7	82.2	WNW	0.2					
10 „	.776	.874	84.1	78.7	5.4	76.7	.902	.79	82.4	82.2	W	0.2					
11 „	.776	.892	84.5	78.4	6.1	76.1	.884	.77	83.0	82.3	„	0.2					
Noon.	.768	.875	86.0	79.0	7.0	76.4	.893	.74	83.8	82.4	„	0.3		None.	None.	None.	None.
1 p. m.	.755	.834	86.5	79.8	6.7	77.4	.921	.75	84.1	82.4	W b N	0.2					
2 „	.739	.848	85.1	78.7	6.4	76.3	.891	.76	83.7	82.5	W b S	0.3					
3 „	.731	.816	84.0	79.0	5.0	77.2	.915	.81	83.2	82.6	„	0.2					
4 „	.730	.806	83.2	79.0	4.2	77.5	.924	.83	82.9	82.7	„	0.3					
5 „	.733	.838	82.0	78.0	4.0	76.5	.895	.84	82.1	82.7	„	0.4					
6 „	.745	.865	81.6	77.5	4.1	75.9	.880	.84	81.8	82.6	„	0.5					
7 „	.752	.867	81.1	77.5	3.6	76.1	.885	.85	81.5	82.6	„	0.7					
8 „	.762	.894	80.8	77.0	3.8	75.5	.868	.85	81.2	82.6	W	0.7					
9 „	.767	.875	80.5	77.5	3.0	76.4	.892	.88	81.0	82.6	„	0.6					
10 „	.769	.894	80.2	77.0	3.2	75.8	.875	.87	80.6	82.6	„	0.4					
11 „	.758	.881	80.0	77.0	3.0	75.8	.877	.88	80.5	82.6	WSW	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording *these Observations, the* Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ∩≀ cirro-strati; ∩∩ cumulo-strati; and ≀∩ nimbi.	
8	G	Overcast; ≀∩ moving ENE.	
8	C	,, ,,	
8	C	,, ,,	
8	C	Overcast; ≀∩ moving ENE; light shower of rain at 3h. 44m. lasted 4m.	
8	C	Overcast; ≀∩ moving ENE; drops of rain at 4h. 55m.	
8	B	Overcast; passing rain at 5h. 25m.	
8	B	Overcast; with ≀≀ and ≀∩.	
8	B	,, ,,	
8	B	Overcast; a few stars dimly visible in the zenith.	
8	G	Densely overcast; slight rain after 9h. 10m.	
8	G	Overcast; a few stars dimly visible in the zenith.	
8	G	,, ,, ,,	
8	G	Overcast; ≀∩ moving ENE; a few stars visible through the breaks here and there.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 85°4. Daily fall of rain by Osler's Gauge 0·20 in. Height of barometer at 11 A. M. was 29·808 in., highest in the month and about 0·100 in. higher than the normal mean height.
8	C	Overcast with ≀∩ moving ENE; drops of rain at 1h. 13m.	
8	C	Overcast; the moon dimly visible.	
8	C	,, ,,	
8	C	Overcast; a few drops of rain at 4h. 30m., shower of rain at 4h. 55m. lasted 3m.	
8	B	Overcast; no rain.	
8	B	Overcast with ≀≀ and ≀∩.	
8	B	,, ,,	
8	B	≀≀ and ≀∩ scattered throughout.	
8	G	Overcast; ≀≀ in SW; ≀∩ passing from W to E.	
8	G	Overcast; haze around the hor.	
8	G	,, ,,	
8	G	,, ,,	
8	C	,, ,,	
8	C	,, ,,	
8	C	,, ,,	
8	C	Overcast; haze around the hor.; drops of rain at 4h. 35m.	
8	B	Overcast.	
8	B	Overcast; shower of rain which commenced a few minutes before the full hour ceased at 6h. 5m.	
8	B	Overcast with ≀∩ moving ENE; passing rain at 7h. 45m. and again at 7h. 55m.	
8	B	Overcast.	
8	G	Overcast; a few stars dimly visible in the zenith; big drops of rain at 9h. 32m.	
8	G	Overcast; shower of rain at 10h. 18m. lasted about 6m.	
8	G	Overcast; drops of rain at 11h. 42m.	
8	G	Overcast; heavy rain from 0h. 23m. to 0h. 55m.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 85°4. Daily fall of rain by Osler's Gauge 0·38 in.
8	C	Overcast; showers of rain at times.	
8	C	Overcast.	
8	C	Overcast; the moon and some stars dimly visible in the zenith; a shower of rain at 3h. 14m. lasted 4m.	
8	C	Overcast; ≀∩ moving ENE.	
8	B	,, ,,	
8	B	Overcast with ≀≀ and light ≀∩.	
8	B	,, ,,	
8	B	Overcast; ≀≀ in the S of zenith; ≀∩ moving E.	
8	G	Overcast; ≀ in and about the zenith; and masses of ≀∩ moving E.	
8	G	,, ,, ,,	
8	G	,, ,, ,,	
8	G	Overcast with ≀∩ moving E.	
8	C	,, ,,	
8	C	,, ,,	
8	C	,, ,,	
8	C	,, ,,	
8	B	Overcast; ≀≀ and ≀∩.	
8	B	,, ,,	
8	B	,, ,,	
8	B	,, ,,	
8	G	,, ,,	
8	G	,, ,,	
8	G	,, ,,	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between the recovering of the second degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 28th-Midnight	29.753	28.876	80°0	77°0	3°0	75°8	0.877	0.88	80°5	82°6	W b S	0.6					
1 a. m.	.747	.870	80.0	77.0	3.0	75.8	.877	.88	80.5	82.6	W	0.3					
2 „	.725	.839	79.9	77.2	2.7	76.1	.886	.89	80.4	82.5	„	0.3					
3 „	.715	.833	79.5	77.0	2.5	76.0	.882	.90	80.2	82.5	„	0.2					
4 „	.707	.819	79.0	77.0	2.0	76.2	.888	.92	80·0	82.4	W b N	0.3					
5 „	.725	.857	79.0	76.5	2.5	75.5	.868	.90	79.9	82.4	„	0.6					
6 „	.740	.855	79.3	77.0	2.3	76.1	.885	.90	80.0	82.4	W	0.4					
7 „	.756	.871	80.0	77.2	2.8	76.1	.885	.88	80.2	82.3	W b N	0.3					
8 „	.768	.893	80.9	77.2	3.7	75.8	.875	.85	80.9	82.3	„	0.5					
9 „	.771	.853	82.2	78.6	3.6	77.3	.918	.86	81.8	82.2	„	0.4		None.	None.	None.	None.
10 „	.777	.862	84.0	79.0	5.0	77.2	.915	.81	82.2	82.3	W	0.3					
11 „	.779	.848	85.2	79.7	5.5	77.7	.931	.79	83.4	82.4	WNW	0.3					
Noon.	.764	.841	86.3	79.8	6.5	77.4	.923	.76	84.0	82.5	„	0.2					
1 p. m.	.754	.853	86.0	79.2	6.8	76.7	.901	.75	84.0	82.5	SW	1.2					
2 „	.743	.856	84.7	78.5	6.2	76.2	.887	.76	83.9	82.7	„	0.3					
3 „	.731	.829	85.2	79.0	6.2	76.7	.902	.76	83.9	82.8	„	0.2					
4 „	.727	.823	85.0	79.0	6.0	76.8	.904	.77	83.8	82.9	SW b S	0.3					
5 „	.732	.828	83.1	78.5	4.6	76.8	.904	.82	83.0	83.0	„	0.4					
6 „	.746	.880	81.0	77.0	4.0	75.4	.866	.84	82.0	83.0	SW b W	0.4	0.01				
7 „	.764	.895	80.7	77.0	3.7	75.5	.869	.85	81.5	82.9	SW	0.5					
8 „	.770	.909	80.7	76.8	3.9	75.2	.861	.84	81.4	82.8	„	0.4					
9 „	.782	.921	80.7	76.8	3.9	75.2	.861	.84	81.1	82.7	SW b S	0.3					
10 „	.785	.937	80.9	76.5	4.4	74.8	.848	.82	81.0	82.7	„	0.4					
11 „	.773	.942	80.6	76.0	4.6	74.1	.831	.82	80.5	82.7	„	0.6					
July 29th-Midnight	.761	.875	80.3	77.3	3.0	76.1	.886	.88	80.4	82.6	SW	0.4					
1 a. m.	.736	.841	80.2	77.5	2.7	76.5	.895	.89	80.6	82.6	SW b S	0.1					
2 „	.725	.828	78.2	77.0	1.2	76.5	.897	.95	79.9	82.5	W b S	0.1	0.06				
3 „	.717	.829	79.0	77.0	2.0	76.2	.888	.92	80.0	82.4	SW b W	0.2					
4 „	.715	.829	79.2	77.0	2.2	76.1	.886	.91	80.1	82.4	SW	0.1					
5 „	.730	.881	79.0	76.0	3.0	74.8	.849	.88	79.8	82.4	„	0.4					
6 „	.750	.884	79.2	76.5	2.7	75.4	.866	.89	79.9	82.4	„	0.2					
7 „	.760	.881	79.8	77.0	2.8	75.9	.879	.88	80.1	82.3	SW b W	0.3					
8 „	.778	.892	81.0	77.5	3.5	76.1	.886	.86	81.0	82.3	„	0.3					
9 „	.785	.924	80.7	76.8	3.9	75.2	.861	.84	80.9	82.2	SW	0.2	0.05				
10 „	.785	.860	83.8	79.2	4.6	77.5	.925	.82	81.7	82.2	SW b S	0.3		None.	None.	None.	None.
11 „	.786	.836	84.6	80.0	4.6	78.3	.950	.82	83.0	82.3	„	0.3					
Noon.	.784	.834	84.6	80.0	4.6	78.3	.950	.82	83.2	82.4	WSW	0.4					
1 p. m.	.775	.900	84.2	78.1	6.1	75.8	.875	.77	83.2	82.5	SW	0.3					
2 „	.765	.891	85.0	78.3	6.7	75.7	.874	.75	83.3	82.6	SW b W	0.2					
3 „	.754	.853	85.3	79.0	6.3	76.7	.901	.76	83.5	82.8	SSW	0.2					
4 „	.751	.842	84.5	79.0	5.5	76.9	.909	.79	83.5	82.9	„	0.2					
5 „	.758	.868	83.2	78.2	5.0	76.3	.890	.80	82.9	82.9	SW b S	0.4					
6 „	.772	.879	83.2	78.0	4.2	76.4	.893	.84	82.2	82.9	„	0.5					
7 „	.776	.870	81.0	78.0	3.0	76.8	.906	.88	81.5	82.8	SW	0.4					
8 „	.780	.894	81.0	77.5	3.5	76.1	.886	.86	81.5	82.7	SW b S	0.3					
9 „	.792	.885	80.9	78.0	2.9	76.9	.907	.88	81.0	82.6	SSW	0.2					
10 „	.795	.895	80.8	77.8	3.0	76.6	.900	.88	80.9	82.6	SW b S	0.3					
11 „	.785	.892	80.2	77.5	2.7	76.5	.895	.89	80.5	82.6	„	0.4					
July 30th-Midnight	.778	.898	79.7	77.0	2.7	75.9	.880	.89	80.3	82.6	SSW	0.4					
1 a. m.	.768	.886	79.5	77.0	2.5	76.0	.882	.90	80.3	82.5	SW b S	0.2					
2 „	.758	.872	79.2	77.0	2.2	76.1	.886	.91	80.1	82.4	„	0.2					
3 „	.739	.851	79.0	77.0	2.0	76.2	.888	.92	80.0	82.4	„	0·1					
4 „	.735	.843	79.4	77.2	2.2	76.4	.892	.91	80.1	82.4	„	0.2					
5 „	.739	.872	79.5	76.6	2.9	75.5	.867	.88	80.1	82.4	„	0.3		None.	None.	None.	None.
6 „	.758	.877	79.6	77.0	2.6	76.0	.881	.89	80.1	82.4	SW	0.3					
7 „	.768	.888	79.7	77.0	2.7	75.9	.880	.89	80.2	82.3	„	0.3	0.03				
8 „	.780	.914	81.0	77.0	4.0	75.4	.866	.84	81.0	82.3	„	0.2					
9 „	.791	.891	83.5	78.5	5.0	76.6	.900	.81	81.8	82.4	„	0.3					
10 „	.791	.889	84.1	78.7	5.4	76.7	.902	.79	83.0	82.4	„	0.2					
11 „	.796	.871	85.8	79.7	6.1	77.5	.925	.77	83.9	82.5	SW b W	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ⌐i cirri; ∿i cirro-cumuli; ⌒i cumuli; ⌣i cirro-strati; ⌒i cumulo-strati; and ∿i nimbi.	
8	G	Overcast; ∿i moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 85°4. Daily fall of rain by Osler's Gauge 0·01 in.
8	C	" "	
8	C	" "	
7	C	∿i scattered all over the sky; slight rain after 3h. 44m.	
8	C	Overcast; the moon and some of the big stars dimly visible; a few drops of rain at 4h. 54m.	
8	B	Overcast; ∿i moving E.	
8	B	" "	
8	B	" "	
8	B	" "	
8	G	" "	
8	G	" "	
8	G	" "	
7	G	⌐i in SW; ∿i and ∿i throughout; ∿i moving E.	
8	C	Overcast with ∿i and ∿i; the former moving E.	
8	C	" " "	
7	C	" " "	
8	C	" " "	
8	B	Overcast; with ∿i and ∿i; the former moving E; passing rain at 5h. 38m.	
8	B	Overcast; ⌐i and ∿i.	
8	B	Overcast.	
8	B	"	
8	G	"	
8	G	"	
8	G	Overcast; a few stars visible in SW and S of zenith.	
8	G	Overcast; a few stars visible here and there through the breaks.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 85°3. Daily fall of rain by Osler's Gauge 0·09 in.
8	C	Densely overcast; shower of rain at 1h. 14m. lasted about 10m.	
8	C	Overcast; ∿i moving ENE.	
8	C	" "	
8	C	Overcast; ∿i moving ENE; the moon and a few stars dimly visible.	
8	B	" "	
8	B	Overcast; ∿i moving ENE.	
8	B	" "	
8	B	Overcast; ∿i moving ENE; drops of rain at 8h. 41m., shower of rain at 8h. 50m. lasted about 8m.	
8	G	Overcast.	
7	G	∿i and ∿i scattered throughout; the lattter moving ENE.	
8	G	Overcast; ⌐i in SE and ∿i moving ENE; drops of rain at 11h. 52m.	
8	G	Overcast; ∿i moving ENE.	
8	C	" "	
8	C	Overcast; ∿i in the W and ⌐i in the NE.	
6	C	⌐i, ∿i and ∿i scattered throughout.	
7	C	" "	
8	B	Overcast; ∿i in the S and E of zenith; ∿i moving ENE.	
7	B	∿i and ∿i scattered throughout.	
8	B	⌐i, ∿i and ∿i scattered throughout.	
8	B	Overcast with ∿i; a few stars dimly visible in the zenith.	
8	G	" " "	
6	G	∿i scattered throughout moving ENE.	
6	G	∿i scattered throughout moving ENE; a few drops of rain at 11h. 10m.	
8	G	Overcast; ∿i moving ENE; a few stars dimly visible here and there.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 85°1. Daily fall of rain by Osler's Gauge 0.02 in.
8	C	" " "	
8	C	" " "	
8	C	" " "	
7	C	∿i in the NE; ∿i scattered throughout.	
6	B	⌐i, ∿i and ∿i scattered throughout.	
8	B	Overcast; ⌐i in the E and ∿i moving ENE; passing rain at 6h. 12m	
8	B	Nearly overcast; ∿i and ∿i.	
4	B	∿i around the hor.; ∿i moving from W to E.	
6	G	∿i around the hor. and ∿i throughout; hazy.	
6	G	⌐i and large masses of ∿i scattered throughout.	
8	G	⌣i in the NW; ∿i in the NW; and ∿i throughout; drops of rain at 11h. 15m.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 4 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
July 30th-Noon.	29.792	28.859	86°2	80°0	6°2	77°8	0.933	0.77	84°0	82°6	SW b W	0.2					
1 p. m.	.777	.910	84.5	78.0	6.5	75.5	.867	.75	83.4	82.8	SW b S	0.2					
2 „	.763	.835	86.6	80.0	6.6	77.6	.928	.76	84.2	82.9	SW	0.1					
3 „	.755	.822	84.7	79.6	5.1	77.8	.933	.80	84.1	83.1	SW b W	0.2					
4 „	.749	.814	86.0	80.0	6.0	77.8	.935	.77	84.3	83.2	SW b S	0.2					
5 „	.747	.857	84.4	78.5	5.9	76.3	.890	.77	83.2	83.3	SW	0.2	None.	None.	None.	None.	None.
6 „	.746	.834	82.8	78.6	4.2	77.0	.912	.83	82.8	83.3	„	0.2					
7 „	.753	.875	81.8	77.5	4.3	75.9	.878	.83	82.0	83.3	„	0.2					
8 „	.757	.846	81.3	78.3	3.0	77.0	.911	.87	81.5	83.3	„	0.3					
9 „	.757	.869	81.0	78.0	3.0	76.8	.906	.88	81.0	83.2	„	0.4					
10 „	.782	.913	80.7	77.0	3.7	75.5	.869	.85	80.5	83.0	S W b S	0.5					
11 „	.775	.898	80.0	77.0	3.0	75.8	.877	.88	80.1	82.8	SW	0.4					
Aug. 1st-Midnight	.735	.853	79.5	77.0	2.5	76.0	.882	.90	80.2	82.4	SW	0.5	0.10				
1 a. m.	.709	.823	79.2	77.0	2.2	76.1	.886	.91	80.2	82.4	SW b W	0.2	0.06				
2 „	.693	.807	79.2	77.0	2.2	76.1	.886	.91	80.2	82.4	„	0.2					
3 „	.681	.794	79.1	77.0	2.1	76.2	.887	.91	80.1	82.3	WSW	0.3					
4 „	.679	.796	79.1	76.9	2.2	76.0	.883	.91	80.1	82.3	„	0.4					
5 „	.680	.809	78.8	76.5	2.3	75.6	.871	.90	79.8	82.2	„	0.5					
6 „	.691	.804	79.1	77.0	2.1	76.2	.887	.91	80.0	82.1	„	0.3					
7 „	.715	.837	79.9	77.0	2.9	75.9	.878	.88	80.2	82.1	„	0.5					
8 „	.729	.839	80.7	77.5	3.2	76.3	.890	.87	80.7	82.1	SW b W	0.5					
9 „	.738	.858	82.2	77.7	4.5	75.9	.880	.82	81.4	82.2	WSW	0.4					
10 „	.739	.849	84.4	78.5	5.9	76.3	.890	.77	82.7	82.2	„	0.3					
11 „	.738	.834	85.0	79.0	6.0	76.4	.904	.77	83.2	82.3	„	0.2					
Noon.	.724	.814	85.2	79.2	6.0	77.0	.910	.77	83.2	82.4	„	0.3		None.	None.	None.	None.
1 p. m.	.711	.795	85.4	79.4	6.0	77.2	.916	.77	84.0	82.7	„	0.4					
2 „	.697	.793	85.0	79.0	6.0	76.8	.904	.77	84.0	82.8	„	0.3					
3 „	.687	.774	83.4	78.8	4.6	77.1	.913	.82	83.4	82.8	W b S	0.3					
4 „	.678	.790	83.4	78.2	5.2	76.2	.888	.80	83.0	82.9	SW b W	0.4					
5 „	.681	.844	81.5	76.4	5.1	74.4	.837	.80	82.0	82.9	W	0.6					
6 „	.691	.840	79.8	76.3	3.5	74.9	.851	.86	81.0	82.9	„	0.4					
7 „	.703	.871	77.0	75.0	2.0	74.2	.832	.91	79.6	82.8	WNW	0.2	0.02				
8 „	.708	.824	79.4	77.0	2.4	76.1	.884	.90	80.5	82.6	W b S	0.3					
9 „	.715	.875	79.8	76.0	3.8	74.5	.840	.85	80.2	82.6	WSW	0.5					
10 „	.719	.841	79.9	77.0	2.9	75.9	.878	.88	80.3	82.5	„	0.7					
11 „	.721	.837	80.1	77.2	2.9	76.1	.884	.88	80.5	82.5	„	0.4					
Aug. 2nd-Midnight	.700	.816	80.1	77.2	2.9	76.1	.884	.88	80.5	82.5	WSW	0.6					
1 a. m.	.696	.819	80.0	77.0	3.0	75.8	.877	.88	80.2	82.4	„	0.6					
2 „	.679	.776	79.8	77.6	2.2	76.7	.903	.91	80.0	82.4	„	0.4					
3 „	.671	.768	79.8	77.6	2.2	76.7	.903	.91	80.0	82.3	„	0.6					
4 „	.659	.779	79.7	77.0	2.7	75.9	.880	.89	80.0	82.3	W b S	0.5					
5 „	.661	.780	79.6	77.0	2.6	76.0	.881	.89	80.0	82.3	„	0.6					
6 „	.673	.794	79.8	77.0	2.8	75.9	.879	.88	80.0	82.3	W	0.3					
7 „	.697	.807	80.7	77.5	3.2	76.3	.890	.87	80.8	82.3	W b S	0.2					
8 „	.722	.829	82.2	78.0	4.2	76.4	.893	.83	81.6	82.3	„	0.2					
9 „	.735	.852	83.1	78.0	5.1	76.0	.883	.80	82.0	82.3	„	0.3					
10 „	.740	.853	83.5	78.2	5.3	76.2	.887	.80	82.5	82.4	W b N	0.4	None.	None.	None.	None.	None.
11 „	.738	.845	86.0	79.0	7.0	76.4	.893	.74	83.8	82.5	W b S	0.6					
Noon.	.731	.832	86.2	79.2	7.0	76.6	.899	.74	84.2	82.6	„	0.4					
1 p. m.	.722	.795	84.9	79.5	5.4	77.6	.927	.79	84.5	82.6	SW	0.3					
2 „	.701	.753	84.8	80.0	4.8	78.3	.948	.81	84.0	82.6	SW b W	0.2					
3 „	.689	.777	84.3	79.0	5.3	77.0	.912	.80	83.2	82.6	SW	0.2					
4 „	.682	.767	84.0	79.0	5.0	77.2	.915	.81	83.0	82.7	W b S	0.1					
5 „	.683	.789	82.8	78.2	4.6	76.4	.894	.82	83.0	82.8	SW b W	0.2					
6 „	.694	.825	81.5	77.2	4.3	75.5	.869	.83	82.0	82.9	„	0.2					
7 „	.704	.835	80.7	77.0	3.7	75.5	.869	.85	81.6	83.0	„	0.3					
8 „	.712	.843	80.7	77.0	3.7	75.5	.869	.85	81.5	83.0	SW	0.3					
9 „	.722	.842	80.5	77.2	3.3	75.9	.880	.87	81.0	83.0	SW b W	0.4					
10 „	.726	.845	80.2	77.0	3.2	75.8	.875	.87	81.0	82.9	„	0.3					
11 „	.724	.849	80.2	77.0	3.2	75.8	.875	.87	81.0	82.8	SW	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇ cirri; ⌇⌇ cirro-cumuli; ⌒ cumuli; ⌇_ cirro-strati; ⌒_ cumulo-strati; and ⌇_ nimbi.	
8	G	⌇_ in the NW; ⌇⌇ in the NW; and ⌇⌇ throughout; no rain.	
8	C	Overcast with ⌇⌇ moving ENE.	
6	C	⌇, ⌇⌇ and ⌇_ scattered all over the sky.	
7	C	⌇ and ⌇⌇ in and about the zenith; ⌇_ passing from W to E.	
6	C	" " "	
8	G	Overcast; ⌇⌇ and ⌇_.	
8	G	Overcast with ⌇_ moving ENE; ⌇_ in the W.	
8	G	" " "	
8	G	Overcast; a few stars dimly visible in the SW.	
7	G	⌇_ scattered throughout moving ENE.	
6	G	" "	
6	G	" "	
8	G	Overcast; rain which was falling from 11h. 51m. ceased at 0h. 12m.	Mean daily temperature of ground 20 and 60 inches below its surface 84°7 and 85°0. Daily fall of rain by Osler's Gauge 0·15 in.
8	C	Overcast; drops of rain at 1h. 40m.	
8	C	Overcast.	
8	C	"	
8	C	"	
8	B	"	
8	B	⌇ and ⌇⌇ in the zenith; ⌇_ all around.	
8	B	Overcast with ⌇⌇ and ⌇_.	
8	B	" "	
8	G	" "	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	" "	
8	C	" "	
8	C	" "	
8	C	" "	
8	C	Overcast with ⌇⌇ and ⌇_; slight rain at full hour and again at 5h. 14m.	
8	C	Overcast; light rain at 6h. 24m. lasted about 8m.	
8	C	Overcast; drizzling rain till 7h. 36m.	
8	C	Overcast.	
8	B	Overcast; a few stars dimly visible in the zenith.	
8	B	" " "	
8	B	" " "	
8	B	Overcast; ⌇_ moving E; a few stars visible here and there.	Mean daily temperature of ground 20 and 60 inches below its surface 84°6 and 84°9. 2nd August was the 11th day on which the fall of rain was less than 0·01 in.
8	G	Overcast with ⌇_ moving E.	
8	G	" "	
8	G	Overcast with ⌇_ moving E; a few stars visible in W.	
8	G	" "	
8	C	" "	
8	C	" "	
8	C	" "	
8	C	Overcast; ⌇⌇ in the zenith and ⌇_ passing from W to E.	
8	B	Overcast; ⌇_ and ⌇⌇.	
8	B	Overcast; ⌇_ and ⌇⌇; a few drops of rain at 10h. 38m.	
8	B	Nearly overcast with ⌇_ moving E.	
8	B	Overcast; ⌇⌇ in the W and S of zenith; ⌇_ moving E; drops of rain at 0h. 56m.	
8	G	Overcast hazy.	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	" "	
8	C	" "	
8	C	Overcast; a few stars visible here and there.	
8	C	" "	
8	B	Overcast; a few stars visible here and there; drops of rain at 9h. 23m.	
8	B	Overcast.	
8	B	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds for same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 3rd-Midnight	29.714	28.838	80°1	77°0	3°1	75°8	0.876	0.87	81°0	82°8	SW	0.3					
1 a. m.	.699	.823	80.1	77·0	3.1	75.8	.876	.87	81.0	82.7	,,	0.4					
2 ,,	.676	.796	79.7	77.0	2.7	76.0	.880	.89	80.6	82.6	,,	0.3					
3 ,,	.676	.782	79.6	77.2	2.4	76.4	.894	.90	80.2	82.5	,,	0.2					
4 ,,	.680	.786	79.6	77.2	2.4	76.4	.894	.90	80.2	82·5	,,	0.4					
5 ,,	.684	.799	79.6	77.1	2.5	76.1	.885	.90	80.1	82.4	SW b W	0.3					
6 ,,	.700	.815	80.0	77.2	2.8	76.1	.885	.88	80.4	82.4	SW	0·2					
7 ,,	.725	.852	79.3	76.7	2.6	75.7	.873	·89	80.2	82.4	,,	0.1					
8 ,,	·743	.829	80.3	78.0	2.3	77.1	.914	.90	80.8	82.4	SW b S	0.3	0.01				
9 ,,	.760	.838	83.4	79.0	4.4	77·4	.922	.83	82.0	82.5	SW b W	0.3					
10 ,,	.767	.840	84.4	79.4	5.0	77.6	.927	.81	83.0	82.5	SW	0.5		None.	None.	None.	None.
11 ,,	.760	.838	85.3	79.5	5.8	77.4	.922	.78	83.9	82.5	WSW	0.4					
Noon.	.751	.801	86.6	80·5	6.1	78.3	.950	.77	84.6	82.7	SW	0.5					
1 p. m.	.734	.806	86.6	80.0	6.6	77.6	.928	.76	84.7	82.7	W b S	0.3					
2 ,,	.729	.811	87.5	80·0	7.5	77.3	.918	.73	85.0	82.8	,,	0.2					
3 ,,	.724	.767	86.7	80.7	6.0	78.6	.957	.78	84.6	82.9	,,	0.2					
4 ,,	.720	.788	86.3	80.0	6.3	77.7	.932	.76	84.5	83.0	,,	0.2					
5 ,,	.726	.832	83·6	78.4	5.2	76.4	.894	·80	83.5	83.1	WSW	0.2					
6 ,,	.737	.855	82.1	77.7	4.4	76.0	.882	.83	82.6	83.2	,,	0.2					
7 ,,	·751	·888	81.3	77.0	4.3	75.3	.863	.83	82.3	83.2	,,	0.3					
8 ,,	.760	.894	81.0	77.0	4.0	75.4	.866	.84	82.2	83.2	SW b W	0.3					
9 ,,	.775	.928	80.2	76.0	4.2	74.7	.847	.83	81.0	83.0	WSW	0.4					
10 ,,	.778	.903	80.2	77.0	3.2	75.8	.875	.87	81.0	83.0	SW b W	0·4					
11 ,,	.778	.904	80.3	77.0	3.3	75.7	.874	.86	81.0	82.9	,,	0.5					
Aug. 4th-Midnight	.766	.903	80.5	76.8	3.7	75.3	·863	·85	81.1	82.9	WSW	0.7					
1 a. m.	.756	.843	80.4	78.0	2.4	77.1	·913	.90	81.0	82.8	,,	0·6					
2 ,,	.746	.833	80.4	78.0	2.4	77.1	·913	.90	80.6	82·7	SW b W	.0.5					
3 ,,	.732	.857	80.2	77.0	3.2	75.8	·875	.87	80.5	82.6	,,	0.7					
4 ,,	.730	.853	80.0	77.0	3.0	75.8	·877	.88	80.4	82.6	,,	0.6					
5 ,,	.734	.869	80.2	77.0	3.2	75.8	·875	.87	80.4	82.6	,,	0.2					
6 ,,	.754	.879	80.2	77.0	3.2	75.8	·875	.87	80.3	82.5	,,	0.2					
7 ,,	.763	.892	80.5	77.0	3.5	75.6	·871	.86	80.8	82.4	WSW	0.2					
8 ,,	.782	.889	82.2	78.0	4.2	76.4	·893	.83	81.7	82.5	SW b W	0.3					
9 ,,	.793	.907	82·8	78.0	4.8	76.1	.886	.81	82.2	82.6	,,	0.5					
10 ,,	.791	.882	83.8	78.8	5.0	76.9	·909	.81	83.0	82.6	WSW	0.4	0.01				
11 ,,	.783	.900	83.1	78.0	5.1	76.0	.883	.80	82.5	82.6	,,	0.3		None.	None.	None.	None.
Noon.	.778	.888	83.9	78.4	5.5	76.3	·890	.79	83.0	82.6	W b S	0.3					
1 p. m.	.764	.842	85.3	79.5	5.8	77.4	.922	.78	83·8	82.7	WSW	0.4					
2 ,,	.758	.812	85.0	80.0	5.0	78.2	.946	.81	83.5	82.8	,,	0.3					
3 ,,	.756	.844	82.8	78.6	4.2	77.0	.912	.83	82.0	82.8	SW b S	0.4					
4 ,,	.746	·893	82.2	77.0	5.2	75.0	.853	.80	82.0	82.8	,,	0·3					
5 ,,	.758	·867	82.4	78.0	4.4	76.3	·891	.83	82.0	82.9	SW	0.3					
6 ,,	.770	.898	81.2	77.2	4.0	75.6	·872	.84	81.7	83.0	SW b W	0.3					
7 ,,	.779	.913	81.0	77·0	4.0	75.4	.866	.84	81.6	83.0	,,	0.3					
8 ,,	.790	.922	80.8	77.0	3.8	75.5	.868	.85	81.6	83.0	,,	0.3					
9 ,,	.814	.993	79·8	75.5	4.3	73.8	·821	.83	80.4	82.8	,,	1.0	0.04				
10 ,,	.807	.964	79.5	76·0	3.5	74.6	.843	·86	80.3	82.8	SW	0.4					
11 ,,	.795	.933	79.6	76.5	3·1	75.3	.862	.87	80.3	82.8	SW b W	0.6					
Aug. 5th-Midnight	.787	.933	79.6	76.3	3.3	75.0	.854	.86	80.3	82.6	WSW	0.5					
1 a. m.	.780	.953	79.8	75.5	4.3	73.8	.821	·83	80·0	82.6	,,	0.6					
2 ,,	.762	.919	79.5	76.0	3.5	74.6	.843	.86	80.0	82.5	,,	0.6					
3 ,,	.743	.900	79,5	76.0	3.5	74.6	.843	.86	80.0	82.5	SW b W	0.7					
4 ,,	.737	.870	79.5	76.6	2.9	75.5	.867	.88	80.0	82.4	SW b S	0.6					
5 ,,	.747	.870	80.0	77.0	3.0	75.8	.877	.88	80.2	82.4	SW	0.7		None.	None.	None.	None.
6 ,,	.758	.894	79.8	76.6	3.2	75.4	.864	.87	80.2	82.3	,,	0.7					
7 ,,	.774	.896	80.3	77.1	3.2	75·9	.878	.87	80.4	82.3	,,	0.5					
8 ,,	.786	.906	80.5	77.2	3.3	75.9	.880	.87	80·8	82.3	SW b W	0.6					
9 ,,	·791	.909	81.4	77.5	3.9	76.0	.882	.84	81.2	82.4	SW	0.6					
10 ,,	.795	.900	83.5	78.4	5.1	76.5	.895	.80	82.2	82.4	SWbW	0.5					
11 ,,	.795	.947	80.9	76.5	4.4	74.8	.848	.82	81.1	82.4	,,	1.4	0.04				

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌒ cirro-strati; ⌒∩ cumulo-strati; and ∩∩ nimbi.	
8	B	Overcast; ≀≀ moving E; a few stars dimly visible through the breaks.	Mean daily temperature of ground 20 and 60 inches below its surface 84°6 and 84°9. Daily fall of rain by Osler's Gauge 0·01 in. Temperature of air at 2 P. M. was 87°5, greatest in the month and about 1°7 greater than the normal mean.
8	G	Overcast.	
8	G	Overcast; masses of ≀≀ passing from W to E.	
8	G	" " "	
8	G	" " "	
8	C	Overcast; ≀≀ about the zenith and ≀≀ throughout.	
8	C	Densely overcast; drops of rain at 6h. 30m.	
8	C	Densely overcast; slight rain after 7h. 30m.	
8	C	Densely overcast; rain continued to 8h. 7m.	
8	B	Overcast; hazy.	
8	B	" "	
8	B	" "	
8	B	" "	
8	G	" "	
8	G	" "	
8	G	Overcast; ≀≀ and ≀≀.	
8	G	" "	
8	C	Overcast; ≀≀ in the SE and masses of ≀≀ moving ENE; drops of rain after 5h. 9m.	
8	C	" " " "	
8	C	Overcast.	
8	C	≀≀ scattered throughout.	
6	B	Overcast; a few stars visible in the zenith.	
8	B	" "	
8	B	" "	
7	B	≀≀ scattered throughout moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°6 and 84°8. Daily fall of rain by Osler's Gauge 0·03 in.
8	G	Overcast; ≀≀ moving E.	
8	G	Overcast; ≀≀ moving E; a few stars dimly visible here and there.	
8	G	" " "	
8	G	Overcast with ≀≀ moving E; drops of rain from 4h. 35m. to 4h. 48m.	
8	C	Overcast.	
8	C	"	
8	C	"	
8	C	"	
8	B	Overcast; passing rain at 9h. 6m.	
8	B	Overcast; drops of rain at 10h. 30m.	
8	B	" "	
8	B	" "	
8	G	Overcast with ≀≀; masses of ≀≀ moving from W to E.	
8	G	Overcast with ≀≀; masses of ≀≀ moving from W to E; a few drops of rain at 2h. 52m.	
8	G	Overcast with ≀≀; masses of ≀≀ moving from W to E; thin drops of rain at full hour.	
8	G	" " " "	
8	C	Overcast.	
8	C	"	
8	C	Overcast; drops of rain at 7h. 30m.	
8	C	Overcast; a few stars dimly visible in E of zenith; light rain began to fall at 8h 57m.	
8	B	Overcast; rain continued to 9h. 17m.	
7	B	≀≀ scattered throughout moving E.	
7	B	" "	
7	B	≀≀ scattered throughout moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°5 and 84°7. Daily fall of rain by Osler's Gauge 0·08 in.
8	G	Densely overcast with ≀≀; drops of rain at 1h. 6m.	
8	G	Overcast; a few stars visible here and there.	
8	G	Overcast.	
8	G	"	
8	C	"	
8	C	"	
8	C	"	
8	C	"	
8	B	"	
8	B	Overcast; light rain and squally wind at 10h. 45m. lasted for about 10m.	
8	B	Overcast; light rain which was falling from 2m. before full hour ceased at 11h. 27m.	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 feet in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 5th-Noon.	29.774	28.898	80°1	77°0	3°1	75°8	0.876	0.87	80°5	82°3	SW	0·3	0.07				
1 p. m.	.764	.873	82.4	78.0	4.4	76.3	.891	.83	81.6	82.2	WSW	0.4					
2 „	.751	.825	83.0	79.0	4.0	77.5	.926	.84	82.0	82.3	SW	0.5					
3 „	.740	.808	83.2	79.2	4.0	77.7	.932	.84	82.5	82.4	WSW	0.6					
4 „	.734	.755	82.0	80.0	2.0	79.3	.979	.92	81.9	82.4	„	0.7		None.	None.	None.	None.
5 „	.739	.875	81.2	77.0	4.2	75.4	.864	.83	81.5	82.5	SW b W	0.6					
6 „	.748	.886	80.6	76.8	3.8	75.3	.862	.85	81.2	82.6	„	0.7					
7 „	.756	.883	80.4	77.0	3.4	75.7	.873	.86	81.0	82.6	„	0.6					
8 „	.762	.888	80.3	77.0	3.3	75.7	.874	.86	81.0	82.5	WSW	0.5					
9 „	.762	.945	80.1	75.5	4.6	73.6	.817	.81	81.0	82.5	SW b W	0.6					
10 „	.763	.927	80·2	76.0	4.2	74.3	.836	.82	80.9	82.5	„	0.5					
11 „	.757	.912	80.1	76.2	3.9	74.7	.845	.84	80.8	82.4	WSW	0.5					
Aug. 6th-Midnight	.748	.873	80·2	77.0	3.2	75.8	.875	.87	80.7	82.4	SW b W	0.6					
1 a. m.	.732	.829	79.8	77.6	2.2	76.7	.903	.81	80.5	82.4	WSW	0.7					
2 „	.710	.807	79.8	77.6	2.2	76.7	.903	.81	80.2	82.4	„	0.7					
3 „	.708	.828	79.7	77.0	2.7	75.9	.880	.89	80.0	82.3	„	0.7					
4 „	.695	.813	79.5	77.0	2.5	76.0	.882	.90	80.0	82.2	„	0.8					
5 „	.703	.821	79·5	77.0	2.5	76.0	.882	.90	80.0	82.2	„	0.7					
6 „	.723	.876	79.2	76.0	3.2	74.7	.847	.87	80.0	82.1	„	0.5					
7 „	.738	.880	79.2	76.3	2.9	75.1	.858	.88	79.7	82.0	W	0.2					
8 „	.758	.887	80.2	76.9	3.3	75.6	.871	.86	80.4	82.1	WSW	0·4					
9 „	.763	.922	81.5	76.5	5.0	74.5	.841	.80	81.0	82.3	„	0.4					
10 „	.776	.931	82.9	77.0	5.9	74.7	.845	.77	82.0	82.3	SW b W	0·7					
11 „	.764	.881	83.8	78·2	5.6	76.0	.883	.78	82.6	82.4	W b S	0.4		None.	None.	None.	None.
Noon.	.758	.881	85.0	78.4	6.6	75.8	.877	.75	83.3	82.4	„	0.5					
1 p. m.	.741	.842	86.2	79.2	7.0	76·6	.899	·74	84.0	82.4	WSW	0.5					
2 „	.730	.814	85.4	79.4	6.0	77.2	.916	.77	83.8	82.5	„	0.5					
3 „	.718	.802	85.4	79.4	6.0	77.2	.916	.77	83.2	82.5	SW b W	0.6					
4 „	.711	.796	84.0	79.0	5.0	77.2	.915	·81	83.0	82.5	W b S	0.5					
5 „	.715	.838	83.6	78.0	5.6	75.8	.877	.78	83.0	82·5	„	0.3					
6 „	.721	.880	81.5	76.5	5.0	74.5	.841	.80	82.0	82.6	„	0.5					
7 „	.737	.863	81.0	77.2	3.8	75.7	.874	.85	81.8	82.7	WSW	0.3					
8 „	.742	.870	80.8	77.1	3.7	75.6	.872	.85	81·7	82.7	„	0.2					
9 „	.752	.873	79.8	77.0	2.8	75·9	.879	.88	81.2	82.6	„	0.3	0.04				
10 „	.750	.891	79·9	76.5	3.4	75.2	.859	.86	81.0	82.6	„	0.5					
11 „	.738	.861	80.0	77.0	3·0	75.8	.877	.88	81.0	82.5	„	0.3					
Aug. 8th-Midnight	.678	.799	79.8	77.0	2·8	75.9	.879	.88	80.3	82.3	WSW	0.5					
1 a. m.	.662	.782	79.7	77.0	2.7	75.9	.880	.89	80.2	82.3	SW	0.7					
2 „	.641	.761	79.7	77.0	2.7	75.9	.880	.89	80.0	82.3	SW b W	0.6					
3 „	.633	.735	79.6	77.4	2.2	76.6	.898	.91	80.0	82.2	„	0.7					
4 „	.629	.722	79.4	77.6	1·8	76.9	.907	.92	80.0	82.1	„	0.5					
5 „	.637	.752	79.3	77.0	2.3	76.1	.885	.90	80·0	82.1	WSW	0.7					
6 „	.655	.770	79·3	77.0	2.3	76.1	.885	.90	80.0	82.0	„	0.3					
7 „	.675	.796	79.8	77·0	2.8	75.9	.879	.88	80.2	82.0	W b S	0.2					
8 „	.687	.840	79.2	76.0	3.2	74.7	.847	.87	80.0	82.0	W	0·4					
9 „	.686	.814	82.2	77.5	4.7	75.6	.872	.81	81·5	82.1	SW b W	0.3					
10 „	.686	.854	82.3	76.5	5.8	74.2	.832	.77	81·5	82.1	SW	0.4					
11 „	.675	.780	84.8	78.7	6.1	76.5	.895	.77	83.0	82.2	„	0.3		None.	None.	None.	None.
Noon.	.662	.760	84.8	78.9	5.9	76.7	.902	.78	83.0	82.3	„	0.4					
1 p. m.	.641	.771	84.3	78.0	6.3	75.6	.870	.76	83.0	82.4	„	0.5					
2 „	.629	.696	84.7	79.6	5.1	77.8	.933	.80	83.4	82.4	WSW	0.6					
3 „	.624	.708	85.4	79.4	6.0	77.2	.916	.77	83.8	82.5	„	0.5					
4 „	.620	.729	82.4	78.0	4.4	76.3	.891	.83	82.2	82.5	„	0.6					
5 „	.628	.751	80.7	77.2	3.5	75.8	.877	.86	81.2	82.5	SW b W	0.4	0.05				
6 „	.644	.816	78.8	75.4	3.4	74.0	.828	.86	80.2	82.3	WSW	0.6	0.02				
7 „	.646	.760	79.2	77.0	2.2	76.1	.886	.90	80.2	82.2	SW b W	0.4	0.03				
8 „	.659	.773	79.2	77.0	2.2	76·1	.886	.90	80.2	82.2	SW	0.3	0.01				
9 „	.667	.796	79.8	76.8	3.0	75.6	.871	.87	80.5	82.5	„	0.3					
10 „	.661	.782	79.8	77·0	2.8	75.9	.879	.88	80.3	82.4	„	0.3					
11 „	.657	.794	79.5	76.5	3.0	75·3	.863	.87	80.2	82.3	„	0.4					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≈ cirri; ≈∩ cirro-cumuli; ∩ cumuli; ≈— cirro-strati; ∩— cumulo-strati; and ∩≈ nimbi.	
8	B	Overcast.	
8	G	Overcast; ≈∩ and ∩≈.	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	" "	
8	C	" "	
8	C	" "	
8	C	Overcast.	
8	B	"	
8	B	"	
8	B	Overcast; a few stars dimly visible in the zenith.	
8	B	Overcast; ∩≈ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°6. Daily fall of rain by Osler's Gauge 0·02 in.
8	G	" "	
8	G	Overcast; ∩≈ moving E; a few stars dimly visible; a few drops of rain at 2h. 38m.	
8	G	" " "	
8	G	" " "	
8	C	" " "	
8	C	Overcast; ∩≈ moving E; slight rain after 6h. 4m.	
8	C	" " "	
8	C	Overcast; ∩≈ and ≈∩.	
8	B	" "	
8	B	Overcast; ∩≈ and ≈∩; slight rain at 10h. 6m.	
8	B	" " "	
8	B	" " "	
8	G	" " "	
8	G	Overcast; ∩≈ and ≈∩; drops of rain at 2h. 58m.	
8	G	Overcast; slight rain at about 3h. 52m.	
8	G	Overcast with ≈∩ and large masses of ∩≈ passing from W to E.	
8	C	" " "	
8	C	" " "	
8	C	" " "	
8	C	Overcast; ∩≈ moving E; a few stars dimly visible about the zenith; shower of rain at 8h. 14m. p. m. lasted about 10m.	
8	B	" " " "	
8	B	Overcast.	
8	B	"	
5	B	∩≈ scattered throughout moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°4 and 84°6. Daily fall of rain by Osler's Gauge 0·07 in. Height of barometer at 4 P. M. was 29·620 in., lowest in the month and about 0·029 in. lower than the normal mean.
8	G	Overcast with ∩≈ moving E.	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	Overcast; ≈∩ and ∩≈.	
8	C	" "	
8	C	" "	
8	C	Overcast; ≈∩ and ∩≈; slight rain from 7h. 49m. to 8h. 11m.	
4	B	≈ in the SE; ∩≈ all round the hor.	
8	B	≈∩ throughout and ∩≈ around the hor.	
8	B	∩≈ scattered throughout.	
8	B	" "	
8	G	Overcast.	
8	G	Overcast; ≈∩ and ∩≈.	
8	G	" "	
8	G	Overcast; ≈∩ and ∩≈; shower of rain at 4h. 23m. lasted about 10m.	
8	C	Overcast; light shower of rain from 5h. 2m. to 5h. 6m.	
8	C	Overcast; light rain from 5h. 58m. to 6h. 13m.	
8	C	Overcast; rain at 7h. 51m. lasted 8m.	
8	C	Overcast.	
8	B	"	
8	B	Overcast; drops of rain at 10h. 22m.	
8	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 9th-Midnight	29.657	28.778	79°8	77°0	2°8	75°9	0·879	0·88	80°1	82°3	SW b W	0.7					
1 a. m.	.657	.814	79·5	76.0	3.5	74.6	.843	.86	80.0	82.2	SW	0.8					
2 ,,	.651	.791	78.0	76.0	2.0	75.2	.860	.92	78.8	82.1	SW b S	0.6	0.16				
3 ,,	.649	.776	78.6	76.5	2.1	75.7	.873	.91	78.2	82.0	SW	0.4	0.06				
4 ,,	.652	.764	79.0	77.0	2.0	76.2	.888	.91	78.8	82.0	SW b W	0.6					
5 ,,	.666	.780	79.2	77.0	2.2	76.1	.886	.91	79.2	82.0	SW	0.6					
6 ,,	.678	.792	79.2	77.0	2.2	76.1	.886	.91	79.2	82.0	SW b W	0.6					
7 ,,	.694	.807	79.8	77.2	2.6	76.2	.887	.89	79.4	82.0	,,	0.5					
8 ,,	.717	.826	80.6	77.5	3.1	76.3	.891	.87	79.7	82.1	,,	0.6					
9 ,,	.719	.835	80.4	76.0	4.4	74.3	.834	.82	80.5	82.1	,,	0.4					
10 ,,	.723	.848	82.0	77.5	4.5	75.8	.875	.82	81.5	82.1	,,	0.3					
11 ,,	.721	.834	84.2	78.4	5.8	76.2	.887	.78	82.5	82.1	WSW	0.5		None.	None.	None.	None.
Noon.	.713	.851	85.0	78.0	7.0	75 3	.862	.74	83.1	82.3	,,	0.6					
1 p. m.	.696	.827	86.2	78.5	7.7	75.5	.869	.71	83.8	82.4	SW b W	0.7					
2 ,,	.683	.790	86.0	79.0	7.0	76.4	.893	.74	83.5	82.4	,,	0.6					
3 ,,	.677	.782	85.4	78.9	6.5	76.5	.895	.75	83.4	82.5	,,	0.5					
4 ,,	.659	.759	83.5	78.5	5.0	76.6	.900	.81	82.8	82.5	,,	0.6					
5 ,,	.667	.779	82.6	78.0	4.6	76.2	.888	.82	82.2	82.5	,,	0.5					
6 ,,	.676	.828	81.2	76.6	4.6	74.8	.848	.82	81.9	82.6	,,	0.4					
7 ,,	.684	.813	80.5	77.0	3.5	75.6	.871	.86	81.3	82.7	SW	0.5					
8 ,,	.705	.831	80.3	77.0	3.3	75.7	.874	.86	81.2	82.6	,,	0.4					
9 ,,	.708	.833	80.2	77.0	3.2	75.8	.875	.87	81.0	82.5	,,	0.3					
10 ,,	.719	.869	78.9	76.0	2.9	74.8	.850	.88	80.0	82.5	,,	0.4	0.07				
11 ,,	.709	.823	79.2	77.0	2.2	76.1	.886	.90	80.0	82.4	SW b W	0.7					
Aug. 10th-Midnight	.695	.809	79.2	77.0	2.2	76.1	.886	.91	80.0	82.4	SW b S	0.4					
1 a. m.	.681	.787	79.6	77.2	2.4	76·4	.894	.90	80.0	82.4	SW b W	0.6		+	6		1.26
2 ,,	.670	.778	79.4	77.2	2.2	76.4	.892	.91	79.8	82.3	,,	0.7		+ +	10		0.56
3 ,,	.660	.772	79.0	77.0	2.0	76.2	.888	.91	79.6	82.2	,,	0.6		+ +	2		Above 10m.
4 ,,	.660	.772	79.0	77·0	2.0	76.2	.888	.91	79·6	82.1	,,	0.7		+	1		,,
5 ,,	.670	.782	79.0	77.0	2.0	76.2	.888	.91	79.6	82.1	,,	0.4					
6 ,,	.680	.794	79.2	77.0	2.2	76.1	.886	.91	79.7	82.0	,,	0.5					
7 ,,	.697	.815	80.3	77.2	3.1	76.0	.882	.87	80.2	82·0	,,	0.3					
8 ,,	.713	.831	80.3	77.2	3.1	76.0	.882	.87	80.2	82.0	,,	0.4					
9 ,,	.718	.875	81.3	76.5	4.8	74.6	.843	.81	81.0	82.0	W b S	0.7					
10 ,,	.726	.871	82.0	77.0	5·0	75.0	.855	.80	81.3	82.0	W b N	0.5					
11 ,,	.727	.856	83.4	77.8	5.6	75.6	.871	.78	82.1	82.2	W b S	0.3					
Noon.	.721	.815	84.8	79.0	5.8	76.8	.906	.78	83.0	82.3	WSW	0.4					
1 p. m.	.701	.810	85.1	78.7	6.4	76.3	.891	.76	83.2	82.4	W b S	0.6					
2 ,,	.693	.788	84.2	78.8	5.4	76.8	.905	.80	83.0	82.4	SW b W	0.5					
3 ,,	.678	.829	79.0	76.0	3.0	74.8	.849	.88	80.1	82.2	W b N	0.6	0.04				
4 ,,	.670	.800	81.4	77.4	4.0	75.6	.870	.84	81.0	82.2	WSW	0.5					
5 ,,	.674	.797	80.0	77.0	3.0	75.8	.877	.88	80.7	82.3	,,	0.5					
6 ,,	.679	.808	80.5	77.0	3.5	75.6	.871	.86	80.7	82.4	SW b W	0.3					
7 ,,	.681	.806	80.2	77.0	3.2	75.8	.875	.87	80.7	82.4	,,	0.4					
8 ,,	.688	.812	80.1	77.0	3.1	75.8	.876	.87	80.7	82.3	,,	0.3					
9 ,,	.702	.842	79.8	76.5	3.3	75.2	.860	.86	80.6	82.3	,,	0.3					
10 ,,	.700	.822	79.8	77.0	2.8	75.9	.878	.88	80.6	82.3	,,	0.4					
11 ,,	.685	.840	79.5	76.0	3.5	74.7	.845	.85	80.2	82.3	,,	0.4					
Aug. 11th-Midnight	.679	.816	79.5	76.5	3.0	75.3	.863	.88	80.2	82.2	SW b W	0.3					
1 a. m.	.667	.800	79.1	76.5	2.6	75.5	.867	.89	79·5	82.1	WSW	0.4	0.02				
2 ,,	.643	.776	79.1	76.5	2.6	75.5	.867	.89	79.5	82.0	,,	0.6					
3 ,,	.631	.747	79·4	77.0	2.4	76.1	.884	.90	79.7	82·0	,,	0.7					
4 ,,	.637	.753	79.4	77.0	2.4	76.1	.884	.90	79.7	82.0	,,	0.6					
5 ,,	.655	.771	79.4	77.0	2.4	76.1	.884	.90	79.8	82.0	,,	0.7					
6 ,,	.679	.797	79.5	77.0	2.5	76.0	.882	.90	79.8	82.0	,,	0.6					
7 ,,	.691	.810	80.4	77.2	3.2	76.0	.881	.87	80.0	82.0	,,	0.5		None.	None.	None.	None.
8 ,,	.707	.858	79.0	76.0	3.0	74·8	.849	.88	79.6	82.0	W b S	1.2					
9 ,,	.719	.889	76.5	74.8	1.7	74.1	.830	.93	78.1	81.7	WSW	0.3	0.01				
10 ,,	.715	.861	78.5	76.0	2.5	75.0	.854	.90	79.0	81.7	,,	0.2	0.02				
11 ,,	.710	.834	80.8	77.2	3.6	75.8	.876	.85	80.3	81.7	W b S	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩≀ cumulo-strati; and ≀≀ nimbi.	
8	B	Overcast; ≀≀ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°5. Daily fall of rain by Osler's Guage 0·30 in.
8	G	Overcast; ≀≀ moving E; drops of rain from 1h. 43m. to 1h. 50m.	
8	G	Densely overcast; heavy shower of rain commenced at 2h. 6m. and ceased at 2h. 12m., then light rain till 2h. 16m.	
7	G	Large masses of ≀≀ scattered throughout moving E.	
7	G	" " "	
8	C	Overcast; ≀≀ moving E.	
8	C	" "	
8	C	Overcast; ≀≀ moving E; drops of rain from 7h. 52m. to 7h. 58m.	
8	C	Overcast.	
8	B	Overcast; drops of rain at 9h. 4m.	
8	B	" "	
8	B	Overcast; ≀≀ and ≀≀.	
8	B	" "	
8	G	" "	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	" "	
8	C	" "	
8	C	" "	
8	C	Overcast; ≀≀ and ≀≀; a few stars and the moon dimly visible.	
7	B	≀≀ scattered throughout the sky; showers of rain at 9h. 14m. and 9h. 30m.	
8	B	≀≀ scattered throughout; a few stars visible through the breaks.	
5	B	≀≀ scattered all round the hor.	
8	B	Overcast; ≀≀ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°5. Daily fall of rain by Osler's Gauge 0·03 in.
8	G	" "	
8	G	" "	
8	G	Overcast; ≀≀ moving E; a few stars dimly visible.	
8	G	" " "	
8	C	Overcast.	
8	C	"	
8	C	Overcast; drops of rain at 7h. 39m.	
8	C	" "	
8	B	" "	
8	B	" "	
8	B	" "	
8	B	" "	
8	G	" "	
8	G	Overcast; shower of rain at 2h. 30m. lasted about 5m., and passing rain at 2h.46m.	
8	G	Overcast; ≀≀ moving E.	
8	G	Overcast; ≀≀ moving E; drops of rain after 4h. 44m.	
8	C	" " "	
8	C	Overcast; ≀ in the W and ≀≀ all over the sky.	
8	C	" " "	
8	C	Overcast.	
7	B	≀ and ≀≀ scattered throughout.	
8	B	Overcast; ≀ in the zenith and ≀≀ moving E; drops of rain at 10h. 55m.	
8	B	Overcast; a few stars dimly visible about the zenith.	
8	B	Overcast with ≀≀ moving E; some stars visible through the breaks at times; shower of rain at 0h. 40m. lasted 6m.	Mean daily temperature of ground 20 and 60 inches below its surface 84°2 and 84°4. Daily fall of rain by Osler's Gauge 0·05 in.
8	G	" "	
8	G	" "	
8	G	Overcast with ≀≀ moving E; large drops of rain at 3h. 39m.	
8	G	Overcast with ≀≀ moving E; drops of rain between 4h. 13m. and 4h. 16m.	
8	C	" " " "	
8	C	" " " "	
8	C	" " " "	
8	C	Overcast; slight rain after 8h. 6m.	
8	B	Overcast; lightly raining.	
8	B	Overcast.	
8	B	Overcast; slight rain from 11h. 8m. to 11h. 20m.	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet-Bulb Thermometer.	Depression of Wet-Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 11th-Noon.	29.698	28.772	83°0	79°0	4°0	77°5	0.926	0.84	81°5	81°8	W b S	0.4	0.01				
1 p. m.	.675	.703	84.6	80.5	4.1	79.1	.972	.84	81.7	81.9	SW b W	0.5					
2 „	.664	.755	85.3	79.2	6.1	76.9	.909	.77	82.8	82.0	„	0.6					
3 „	.655	.733	83.4	79.0	4.4	77.4	.922	.83	82.5	82.0	WSW	0.6					
4 „	.650	.755	82.0	78.0	4.0	76.5	.895	.84	81.9	82.1	SW b W	0.4					
5 „	.659	.797	81.4	77.0	4.4	75.3	.862	.82	81.5	82.2	„	0.5					
6 „	.662	.793	80.7	77.0	3.7	75.5	.869	.85	81.2	82.2	„	0.5		None.	None.	None.	None.
7 „	.668	.795	80.4	77.0	3.4	75.7	.873	.86	81.0	82.2	„	0.4					
8 „	.679	.804	80.2	77.0	3.2	75.8	.875	.87	80.7	82.2	„	0.5					
9 „	.690	.833	80.0	76.5	3.5	75.1	.857	.86	80.5	82.2	SW	1.0					
10 „	.694	.837	80.0	76.5	3.5	75.1	.857	.86	80.3	82.2	„	0.6					
11 „	.688	.835	80.0	76.4	3.6	75.0	.853	.85	80.3	82.2	„	0.7					
Aug. 12th-Midnight	.678	.821	80.0	76.5	3.5	75.1	.857	.86	80.3	82.2	SW	0.8					
1 a. m.	.672	.769	79.8	77.6	2.2	76.7	.903	.91	80.2	82.1	„	0.7					
2 „	.667	.754	79.6	77.8	1.8	77.1	.913	.92	80.0	82.0	„	0.6	0.01				
3 „	.649	.761	79.0	77.0	2.0	76.2	.888	.91	79.6	82.0	„	0.7	0.06				
4 „	.648	.766	78.8	76.8	2.0	76.0	.882	.92	79.2	81.9	„	0.5					
5 „	.650	.762	79.0	77.0	2.0	76.2	.888	.91	79.2	81.9	„	0.8					
6 „	.666	.782	79.4	77.0	2.4	76.1	.884	.90	79.3	81.8	SW b W	0.9					
7 „	.679	.785	79.9	77.4	2.5	76.4	.894	.90	79.8	81.8	„	0.7	0.11				
8 „	.695	.791	81.2	78.0	3.2	76.8	.904	.87	80.8	81.8	„	0.7					
9 „	.700	.805	82.7	78.2	4.5	76.5	.895	.82	81.7	81.9	„	0.8					
10 „	.702	.838	80.4	76.8	3.6	75.4	.864	.85	80.5	81.9	WSW	0.8	0.01				
11 „	.702	.821	81.5	77.5	4.0	76.0	.881	.84	81.0	81.9	„	0.5		None.	None.	None.	None.
Noon.	.692	.835	81.1	76.8	4.3	75.1	.857	.83	80.9	81.9	„	0.5					
1 p. m.	.684	.812	82.3	77.5	4.8	75.6	.872	.81	81.8	82.0	„	1.0					
2 „	.666	.797	80.7	77.0	3.7	75.5	.869	.85	81.1	81.9	SW b W	0.5	0.03				
3 „	.650	.752	83.6	78.5	5.1	76.6	.898	.80	82.0	82.0	„	0.6					
4 „	.642	.744	83.6	78.5	5.1	76.6	.898	.80	82.0	82.0	„	0.4					
5 „	.651	.752	82.4	78.2	4.2	76.6	.899	.83	82.0	82.1	„	0.6					
6 „	.658	.804	78.5	76.0	2.5	75.0	.854	.90	80.3	82.1	„	0.9	0.04				
7 „	.667	.801	79.2	76.5	2.7	75.4	.866	.89	80.3	82.2	„	0.8					
8 „	.683	.834	79.0	76.0	3.0	74.8	.849	.88	80.0	82.1	SW	0.5					
9 „	.697	.831	79.2	76.5	2.7	75.4	.866	.89	80.0	82.0	„	0.7					
10 „	.688	.841	79.2	76.0	3.2	74.7	.847	.87	80.0	82.0	SW b W	0.5					
11 „	.678	.818	78.0	76.0	2.0	75.2	.860	.92	79.5	81.9	SW	0.6					
Aug. 13th-Midnight	.669	.789	78.7	76.7	2.0	75.9	.880	.92	79.6	81.8	SW	0.7					
1 a. m.	.644	.771	78.6	76.5	2.1	75.7	.873	.91	79.1	81.7	SW b W	0.6	0.23				
2 „	.637	.777	78.0	76.0	2.0	75.2	.860	.92	78.2	81.7	W	1.7					
3 „	.633	.768	77.5	76.0	1.5	75.4	.865	.94	78.0	81.7	W b N	0.8	0.15				
4 „	.641	.766	77.7	76.3	1.4	75.8	.875	.94	78.0	81.6	WSW	1.0					
5 „	.650	.771	78.0	76.5	1.5	75.9	.879	.94	78.0	81.6	„	1.0	0.01				
6 „	.666	.783	77.7	76.5	1.2	76.0	.883	.95	78.0	81.6	„	0.4					
7 „	.682	.836	77.5	75.5	2.0	74.7	.846	.92	78.0	81.6	„	1.2					
8 „	.698	.843	79.2	76.2	3.0	75.0	.855	.88	79.2	81.5	„	1.0					
9 „	.704	.854	79.3	76.0	3.3	74.6	.846	.86	79.6	81.5	SW b W	0.8					
10 „	.714	.854	78.0	76.0	2.0	75.2	.860	.92	78.6	81.5	WNW	1.2	0.05				
11 „	.706	.841	77.9	76.1	1.8	75.4	.865	.92	78.5	81.4	W	0.5	0.03	None.	None.	None.	None.
Noon.	.699	.829	77.1	76.0	1.1	75.6	.870	.95	78.0	81.3	W b N	0.2	0.23				
1 p. m.	.678	.803	77.7	76.3	1.4	75.8	.875	.94	78.4	81.2	SW	0.4	0.06				
2 „	.668	.826	76.8	75.2	1.6	74.6	.842	.93	77.2	81.0	W b S	0.3	0.28				
3 „	.651	.809	76.8	75.2	1.6	74.6	.842	.93	77.2	81.0	„	0.6	0.10				
4 „	.651	.798	77.2	75.6	1.6	75.0	.853	.93	78.2	81.0	WSW	0.3					
5 „	.657	.824	76.9	75.0	1.9	74.2	.833	.92	78.0	81.0	„	0.6	0.01				
6 „	.668	.826	76.1	75.0	1.1	74.6	.842	.95	77.2	81.0	„	0.5	0.02				
7 „	.687	.867	75.0	74.1	0.9	73.7	.820	.96	76.3	80.9	SW b W	0.8	0.09				
8 „	.689	.859	75.5	74.5	1.0	74.1	.830	.96	76.8	80.7	SW b S	0.6	0.03				
9 „	.702	.860	76.1	75.0	1.1	74.6	.842	.95	77.2	80.6	„	0.5	0.06				
10 „	.701	.858	76.7	75.2	1.5	74.3	.843	.94	77.7	80.6	„	0.5					
11 „	.689	.818	77.0	76.0	1.0	75.7	.871	.96	77.8	80.6	„	0.5	0.01				

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩≀ cumulo-strati; and ≀≀ nimbi.	
8	B	Overcast; a break in SE of zenith.	
8	G	Overcast.	
8	G	,,	
8	G	,,	
8	G	,,	
8	C	,,	
8	C	,,	
8	C	Overcast; a few stars dimly visible in the NE.	
8	C	Overcast; a few stars dimly visible in the NE; drops of rain at 8h. 14m.	
8	B	Overcast; ≀ and ≀≀; a few stars visible here and there.	
8	B	,, ,, ,,	
8	B	,, ,, ,,	
8	B	Overcast with ≀≀ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°1 and 84°3. Daily fall of rain by Osler's Gauge 0·16 in.
8	G	Overcast with ≀≀ moving E; light rain with squally wind at 1h. 39m.	
8	G	Overcast; a squall of rain and wind at 2h. 58m.	
8	G	Overcast; rain continued till 3h. 4m.	
8	G	,, ,,	
8	C	,, ,,	
8	C	Overcast; light rain with breezes of wind commenced at 0h. 12m. and continued for about 6m.	
8	C	Overcast; ≀ and ≀≀.	
8	C	Overcast.	
8	B	Overcast; ≀≀ moving rapidly to E; passing rain at 9h. 38m.	
8	B	Overcast; drops of rain.	
8	B	Overcast; light rain.	
8	B	Overcast; breaks in W; a few drops of rain at 0h. 34m.	
8	G	Overcast; light rain with gusts of wind at 1h. 7m. continued for about 5m.	
8	G	Overcast; ≀≀ moving rapidly E.	
8	G	Overcast; ≀ and ≀≀.	
8	G	Overcast; ≀, ≀≀ and ≀≀.	
8	C	Overcast; ≀≀ in N of zenith and ≀≀ throughout; shower of rain at 5h. 40m. lasted 9m. then drops of rain.	
8	C	Overcast; fresh breezes from W.	
8	C	Overcast; gusts of wind blowing from W; the moon and a few stars dimly visible.	
8	C	Overcast; gusts of wind from W.	
7	B	≀≀ scattered throughout moving E; fresh breezes from W; drops of rain at 9h. 30m.	
8	B	Overcast; a few stars dimly visible.	
8	B	Overcast; drops of rain at the time of observation.	
8	B	Overcast; ≀≀ moving rapidly E; squally wind and rain from 0h. 8m. to 0h. 26m.	Mean daily temperature of ground 20 and 60 inches below its surface 84°0 and 84°2. Daily fall of rain by Osler's Gauge 1·14 in. Temperature of air at 7 P. M. was 75·0, lowest in the month and about 5°3 lower than the normal mean.
8	G	Overcast; gusts of wind blowing; drops of rain at the time of observation.	
8	G	Overcast; gusts of wind blowing; heavy shower of rain at 2h. 50m. lasted 9m.	
8	G	,, ,, ,, ,,	
8	G	Overcast; gusts of wind blowing; slight rain after 4h. 47m.	
8	C	Overcast; gusty wind from W and WSW; slight rain from 5h. 28m. to 5h. 37m.	
8	C	Overcast; gusty wind from W and WSW; slight rain.	
8	C	Overcast; fresh breezes of wind blowing from W and WSW.	
8	C	Overcast; gusts of wind and light rain at times.	
8	B	Overcast; gusts of wind and drizzling rain.	
8	B	Overcast; light rain with gusts of wind at times.	
8	B	Overcast; showers of rain frequently.	
8	B	Overcast; raining lightly.	
8	G	Overcast; squalls of rain and wind.	
8	G	Overcast; lightly raining.	
8	G	,, ,,	
8	G	,, ,,	
8	B	,, ,,	
8	B	,, ,,	
8	B	,, ,,	
8	B	,, ,,	
8	B	Overcast; drops of rain at 9h. 40m.	
8	B	Overcast; drops of rain at 10h. 3m.	
8	B	Overcast; passing shower of rain at full hour lasted about 2m.	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in seconds for the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 15th-Midnight	29.710	28.873	76°5	76°0	1°5	74°4	0.837	0.94	77°8	80°3	W b S	0.3	0.11				
1 a. m.	.703	.850	77.2	75.6	1.6	75.0	.853	.93	78.0	80.8	„	3.5	0.01				
2 „	.694	.811	77.7	76.5	1.2	76.0	.883	.95	78.0	80.7	„	0.4					
3 „	.687	.822	77.5	76.0	1.5	75.4	.865	.94	77.9	80.7	„	0.6	0.07				
4 „	.687	.822	77.5	76.0	1.5	75.4	.865	.94	77.6	80.7	„	0.5					
5 „	.696	.831	77.5	76.0	1.5	75.4	.865	.94	77.5	80.7	SW b W	0.3	0.01				
6 „	.708	.855	76.5	75.4	1.1	75.0	.853	.95	77.4	80.6	WSW	0.2	0.01				
7 „	.732	.861	77.0	76.0	1.0	75.6	.871	.96	77.8	80.6	SW b W	0.2	0.06				
8 „	.760	.900	79.4	76.4	3.0	76.3	.860	.88	79.1	80.6	WSW	0.4	0.02				
9 „	.776	.907	79.3	76.6	2.7	75.5	.869	.89	79.1	80.6	SW b W	0.3					
10 „	.780	.891	80.8	77.5	3.3	76.3	.889	.87	80.0	80.7	„	0.3					
11 „	.774	.865	82.2	78.4	3.8	76.9	.909	.85	81.0	80.9	„	0.4					
Noon.	.773	.852	83.8	79.1	4.7	77.4	.921	.82	82.0	81.0	WSW	0.3		None.	None.	None.	None.
1 p. m.	.752	.883	81.5	77.2	4.3	75.5	.869	.83	81.1	81.0	W b S	0.2	0.01				
2 „	.738	.812	83.0	79.0	4.0	77.5	.926	.84	82.0	81.1	„	0.3	0.01				
3 „	.728	.831	81.8	78.0	3.8	76.5	.897	.85	81.6	81.1	W	0.4					
4 „	.720	.814	81.0	78.0	3.0	76.8	.906	.88	80.9	81.1	„	0.3					
5 „	.724	.869	79.2	76.2	3.0	75.0	.855	.88	80.1	81.1	WSW	0.4	0.01				
6 „	.739	.888	78.8	76.0	2.8	74.9	.851	.88	79.7	81.2	„	0.3					
7 „	.742	.927	78.5	75.0	3.5	73.5	.815	.86	79.0	81.2	„	0.3					
8 „	.762	.910	78.7	76.0	2.7	74.9	.852	.89	79.0	81.2	„	0.4					
9 „	.776	.938	78.2	75.5	2.7	74.4	.838	.89	79.0	81.2	SW b W	0.6					
10 „	.784	.925	78.1	76.0	2.1	75.2	.859	.91	79.0	81.2	„	0.5					
11 „	.778	.963	78.4	75.2	3.2	73.9	.825	.87	79.0	81.2	„	0.8					
Aug. 16th-Midnight	.771	.939	77.0	75.0	2.0	74.2	.832	.91	78.0	81.1	SW b W	0.7	0.07				
1 a. m.	.756	.927	76.4	75.0	1.4	74.1	.829	.94	77.6	81.0	„	0.6	0.04				
2 „	.749	.904	75.8	75.0	0.8	74.7	.845	.97	77.0	81.0	„	0.5	0.02				
3 „	.740	.897	76.0	75.0	1.0	74.6	.843	.96	77.6	80.9	„	1.0					
4 „	.743	.897	77.5	75.5	2.0	74.7	.846	.92	78.0	80.9	„	0.7					
5 „	.748	.905	77.8	75.5	2.3	74.6	.843	.90	78.0	80.9	„	0.8					
6 „	.762	.912	78.2	75.8	2.4	74.8	.850	.90	78.3	80.9	„	0.8					
7 „	.779	.926	78.6	76.0	2.6	75.0	.853	.89	79.0	80.8	SW	0.6					
8 „	.790	.943	79.2	76.0	3.2	74.8	.847	.87	79.2	80.8	SW b W	0.6					
9 „	.801	.968	76.9	75.0	1.9	74.2	.833	.92	77.7	80.7	W	0.5	0.16				
10 „	.810	.967	76.0	75.0	1.0	74.6	.843	.96	77.0	80.6	SW	0.4	0.30				
11 „	.805	.932	78.6	76.5	2.1	75.7	.873	.91	78.5	80.5	SW b S	0.6	0.09				
Noon.	.789	.891	79.6	77.4	2.2	76.6	.898	.91	79.1	80.5	SW b W	0.6		None.	None.	None.	None.
1 p. m.	.775	.920	80.6	76.6	4.0	75.0	.855	.84	80.0	80.6	„	0.6					
2 „	.760	.905	79.2	76.2	3.0	75.0	.855	.88	79.3	80.8	„	0.5					
3 „	.743	.893	78.9	76.0	2.9	74.8	.850	.88	79.0	80.8	„	0.4					
4 „	.735	.900	78.5	75.5	3.0	74.3	.835	.88	78.7	80.8	WSW	0.5					
5 „	.737	.902	78.5	75.5	3.0	74.3	.835	.88	78.5	80.7	„	0.4					
6 „	.751	.868	77.7	76.5	1.2	76.0	.883	.95	78.1	80.7	SW b W	0.3	0.05				
7 „	.755	.853	78.2	77.0	1.2	76.5	.897	.95	78.0	80.8	„	0.6					
8 „	.773	.874	78.0	77.0	1.0	76.6	.899	.96	78.0	80.8	SW	0.5					
9 „	.781	.916	77.5	76.0	1.5	75.4	.865	.94	77.7	80.8	„	0.6	0.09				
10 „	.787	.922	77.5	76.0	1.5	75.4	.865	.94	77.6	80.7	„	0.6					
11 „	.785	.914	77.0	76.0	1.0	75.6	.871	.96	77.1	80.7	„	0.7					
Aug. 18th-Midnight	.779	.993	78.3	76.5	1.8	75.8	.876	.92	78.8	80.6	SW b W	0.4					
1 a. m.	.765	.905	78.0	76.0	2.0	75.2	.860	.92	77.7	80.6	SW	0.3	0.02				
2 „	.756	.859	78.2	77.0	1.2	76.5	.897	.95	78.1	80.6	SW b W	0.2					
3 „	.756	.890	78.6	76.5	2.7	75.4	.866	.91	78.7	80.6	„	0.4					
4 „	.756	.928	78.2	75.5	2.7	74.4	.838	.89	78.1	80.6	„	0.5	0.01				
5 „	.774	.879	78.4	77.0	1.4	76.5	.895	.94	78.6	80.6	„	0.4		None.	None.	None.	None.
6 „	.792	.899	78.5	77.0	1.5	76.4	.893	.94	78.8	80.6	SW	0.3					
7 „	.810	.920	78.8	77.0	1.8	76.3	.890	.92	79.1	80.6	SW b W	0.2	0.06				
8 „	.827	.942	79.6	77.1	2.5	76.1	.885	.90	79.7	80.7	SW b S	0.3					
9 „	.833	.929	81.2	78.0	3.2	76.8	.904	.87	80.4	80.7	„	0.3					
10 „	.838	.918	82.8	78.8	4.0	77.3	.920	.84	81.0	80.9	„	0.3					
11 „	.834	.906	83.9	79.3	4.6	77.6	.928	.82	82.0	81.1	„	0.2					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cci cirro-cumuli; Cu cumuli; Cs cirro-strati; Cu-s cumulo-strati; and N nimbi.	
8	B	Overcast; light rain from 0h. 42m. to 0h. 50m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 84°1. Daily fall of rain by Osler's Gauge 0·25 in.
8	G	Overcast.	
8	G	Overcast; light rain commenced at 2h. 29m. and ceased at 2h. 44m.	
8	G	Overcast; drops of rain at 3h. 31m. and 3h. 46m.	
8	G	Overcast; a few stars dimly visible in the W; light rain at 4h. 57m. lasted 3m.	
8	C	Overcast; light rain.	
8	C	Overcast; showers of rain now and then.	
8	C	Overcast; light rain.	
8	C	Overcast; no rain.	
8	B	" "	
8	B	" "	
8	B	" "	
8	B	Overcast; drops of rain fell frequently.	
8	G	Overcast; no rain.	
8	G	Overcast; raining lightly from 2h. 33m. to 2h. 40m.	
8	G	Overcast; Cu moving E.	
8	G	Overcast; Cu moving E; passing rain at 4h. 15m. and 4h. 28m.	
8	C	Overcast.	
8	C	"	
8	C	"	
7	C	D Ci, Cci and Cu scattered throughout; partial lunar halo observed at 8h. 0m.	
8	B	Overcast; D Ci, Cci and Cu; lunar halo visible.	
8	B	Overcast; Cu moving E; halo round the moon.	
8	B	Overcast; Cu moving E; halo round the moon; passing rain at intervals.	
8	B	Overcast; Cu moving E; light rain from 0h. 27m. to 0h. 40m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°8 and 84°2. Daily fall of rain by Osler's Gauge 0·71 in.
8	G	Overcast; Cu moving E; drops of rain which were falling from last hour continued till 1h. 17m., passing rain at 1h. 37m.	
8	G	Overcast; Cu moving E; big drops of rain at 2h. 53m.	
8	G	" "	
8	G	Overcast; Cu moving E; drops of rain.	
8	C	Overcast; Cu moving E; drops of rain at 5h. 28m.; fresh breezes of wind from W.	
8	C	Overcast; fresh breezes of wind from W.	
8	C	" "	
8	C	Overcast; light showers of rain frequently.	
8	G	Overcast; light rain.	
8	G	Overcast; shower of rain at 10h. 34m. lasted about 10m.	
8	G	Overcast.	
8	G	"	
8	B	"	
8	B	"	
8	B	"	
8	B	Overcast; drops of rain at 4h. 6m.	
8	G	Overcast; shower of rain at 5h. 24m. lasted about 10m.	
8	G	" " "	
8	G	" " "	
8	G	Overcast; light rain from 8h. 26m. to 8h. 40m.	
8	G	Overcast; halo round the moon was observed at 9h. 41m.	
8	G	" " "	
8	G	" " "	
8	B	Overcast; the moon and some stars visible at times; light rain at 0h. 37m. and 0h. 44m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°6 and 84°1. Daily fall of rain by Osler's Gauge 0·38 in.
8	G	" " " "	
8	G	Densely overcast; Cu moving E.	
8	G	Densely overcast; Cu moving E; light rain at 3h. 40m. lasted about 7m.	
8	G	" "	
8	C	" "	
8	C	Densely overcast; Cu moving E; shower of rain commenced at 6h. 11m. and continued till 6h. 17m.	
8	C	" "	
8	C	" "	
7	B	Cu scattered about moving E; hazy.	
5	B	" "	
4	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 18th–Noon.	29.829	28.887	85°4	80°0	5°4	78°1	0.942	0.79	83°1	81°2	„	0·2					
1 p. m.	.813	.880	84.3	79.5	4.8	77.8	.933	.81	82.2	81.3	SW	0·3					
2 „	.792	.862	85·0	79·6	5.4	77.7	.930	.83	83.0	81.4	SW b W	0.2					
3 „	.790	.884	84.8	79.0	5.8	76·8	.906	.78	83.0	81.4	„	0.2					
4 „	.785	.886	83.5	78.5	5.0	76·6	.899	.81	82.8	81.5	„	0.2					
5 „	.791	.893	82.5	78.2	4.3	76.6	.898	.83	82.0	81.6	„	0.2					
6 „	.803	.977	77.5	75.0	2.5	74.0	.826	.89	80.0	81.4	W b S	0.3	0.22				
7 „	.809	.969	76.3	75.0	1.3	74.5	.840	.94	78.5	81.4	WSW	0.2	0.08				
8 „	.810	.939	77.0	76.0	1.0	75.6	.871	.96	78.5	81.3	„	0.1					
9 „	.829	.980	77.2	75.5	1.7	74.8	.849	.93	78.3	81.3	„	0.2	0.04				
10 „	.828	.981	77.4	75.5	1.9	74.7	.847	.92	78.3	81·3	„	0.1					
11 „	.820	.962	78.2	76.0	2.2	75.1	.858	.91	78.9	81.3	„	0.3					
Aug. 19th–Midnight	.807	.930	78.6	76.6	2.0	75.8	.877	.92	79.2	81.3	SW b W	0.5					
1 a. m.	.800	.941	78.1	76.0	2.1	75.2	.859	.91	78.9	81.2	„	0.4					
2 „	.782	.907	77.7	76·3	1.4	75.8	.875	.94	78.5	81.1	SW b S	0.3	0.03				
3 „	.774	.914	78.0	76.0	2.0	75.2	.860	.92	78.8	81.0	„	0.2					
4 „	·772	.912	78.0	76.0	2.0	75.2	.860	.92	78.6	80.9	„	0.1					
5 „	.786	·899	78.3	·76.8	1.5	76.2	.887	.94	78.8	80·9	SW	0.1					
6 „	.798	.912	77.8	76.6	1.2	76.1	.886	.95	78.8	80.9	SW b W	0.1					
7 „	.820	.940	78·7	76.7	2.0	75.9	.880	.92	79.0	80.9	„	0.2					
8 „	.833	.927	81.0	78.0	3.0	76.8	.906	.88	80.2	81.0	„	0.2					
9 „	.846	.929	82.3	78.6	3.7	77.2	.917	.85	81.0	81.1	„	0.3					
10 „	.848	.930	83.7	79.0	4·7	77.3	.918	.82	82.0	81.1	„	0.4					
11 „	.839	.906	84.7	79.6	5.1	77.8	.933	.80	82.7	81.3	„	0·5					
Noon.	.827	·889	85·0	79.8	5.2	77.9	.938	.80	83.0	81.4	„	0.3		None.	None.	None.	None.
1 p. m.	.812	.903	85.3	79.2	6.1	76.9	.909	.77	83.4	81.5	„	0.2					
2 „	.799	.859	85.5	80.0	5.5	78.0	.940	.79	83.5	81.6	„	0·2					
3 „	.788	.853	86.4	80.1	6.3	77.8	.935	.76	84.0	81.7	„	0.3					
4 „	.785	.881	85.0	79.0	6.0	76.8	·904	.77	83.1	81.7	„	0.2					
5 „	.793	.899	82.5	78.1	4.4	76.4	.894	.83	82.1	81.8	„	0.2					
6 „	.797	.931	81.0	77.0	4.0	75.4	·866	.84	81.6	81.9	„	0.1					
7 „	.800	.962	80.0	76.0	4.0	74.4	.838	.84	81.2	82.0	„	0.1					
8 „	.817	.977	79.8	76.0	3.8	74.5	.840	.85	80.5	81.9	„	0.1					
9 „	.817	.977	79.8	76.0	3.8	74.5	·840	.85	80.4	81.8	„	0.1					
10 „	.830	.951	79.8	77.0	2.8	75.9	.879	.88	80.3	81.8	„	0.1					
11 „	.824	.952	79.7	76.8	2.9	75.6	.872	.88	80.1	81.7	„	0.2					
Aug. 20th–Midnight	.814	.932	79.5	77.0	2.5	76.0	.882	.90	80.0	81.7	WSW	0.4					
1 a. m.	.808	.948	79.4	76·4	3.0	75.2	.860	.88	80.0	81.5	WSW	0.5					
2 „	.789	.931	79.2	76.3	2.9	75.1	.858	.88	79.8	81.4	SW b W	0.5					
3 „	.781	.899	78·8	76.8	2.0	76.0	.882	.92	79·4	81.4	„	0.3					
4 „	.779	.914	78.6	76.3	2.3	75.4	.865	·91	79.0	81.4	„	0.1					
5 „	.787	.920	78.4	76.3	2.1	75.5	.867	.91	79·0	81.4	„	0.1					
6 „	.801	.936	78.6	76.3	2.3	75.4	.865	.91	79.1	81.3	„	0.1					
7 „	.817	.930	79.8	77.2	2.6	76.2	.887	.89	80·0	81.3	„	0.1					
8 „	.838	.938	81.5	78.0	3.5	76.6	·900	.86	80·7	81.4	„	0.1					
9 „	.839	.929	80.6	78.0	2.6	77.0	·910	.89	80.7	81.4	„	0.2	0·05				
10 „	.843	.939	81.9	78.2	3.7	76.8	·904	.85	81.3	81.5	WSW	0.2					
11 „	.840	.884	85.3	80.3	5.0	78.5	.956	.81	83.0	81.6	„	0·2		None.	None.	None.	None.
Noon.	.820	·914	84.8	79.0	5.8	76.8	·906	.78	83.0	81.7	„	0.3					
1 p. m.	.804	.900	85·0	79.0	6.0	76.8	·904	.77	83.8	81.8	„	0.2					
2 „	.790	.865	85.8	79.7	6.1	77.5	·925	.77	83.9	81.8	„	0.3					
3 „	.782	.915	85.7	78.3	7.4	75.5	·867	.73	83.9	81.9	„	0.3					
4 „	.768	.906	85·0	78.0	7.0	75.3	·862	.74	83.1	82.0	„	0.2					
5 „	.772	.925	82.7	77.0	5.7	74.7	·847	.78	82.2	81.9	„	0.2					
6 „	.781	.954	81.0	76.0	5.0	74.0	·827	.80	81.1	81.8	W b S	0.5					
7 „	.786	.962	79.5	75.5	4.0	73.9	·824	.84	80.1	81.8	„	0.4					
8 „	.798	29.029	79·3	74·0	5.3	71.7	·769	.79	80·0	81.8	„	0.2					
9 „	.810	.018	79·5	74.6	4.9	72.7	.792	.80	80·0	81.8	„	0.1					
10 „	.826	.022	79.5	75.0	4.5	73.1	.804	.82	80.0	81.7	„	0.1					
11 „	.818	.026	79.5	74.6	4.9	72·7	.792	.80	80.0	81.7	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cc cirro-cumuli; Cu cumuli; Cs cirro-strati; Cu-s cumulo-strati; and Cu-n nimbi.	
8	B	Overcast; a break in E.	
8	G	Overcast; Ci and Cu.	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	Overcast; shower of rain at 5h. 30m. lasted 5m., then lightly raining.	
8	C	Overcast; lightly raining.	
8	C	Overcast; rain continued till 7h. 16m.	
8	C	Overcast; light rain from 8h. 11m. to 8h. 19m.	
8	B	"	
5	B	Ci and Cu scattered throughout.	
6	B	" "	
4	B	Cu scattered about the sky passing from W to E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 84°0. Daily fall of rain by Osler's Gauge 0·05 in.
5	G	Cu scattered about the sky passing from W to E; shower of rain at 1h. 15m. lasted about 5m.	
7	G	Cu scattered throughout.	
8	G	" "	
6	G	" "	
8	C	Overcast; Ci and Cu; slight rain between 5h. 32m. and 5h. 36m.	
6	C	Ci, Ci and Cu scattered about.	
7	C	" " "	
8	C	Overcast; Ci in and about the zenith and Cu passing rapidly eastward.	
5	B	Cu scattered about the sky moving E.	
5	B	" " "	
6	B	" " "	
8	B	Overcast; Ci and Cu.	
8	G	" "	
8	G	" "	
7	G	Ci and Ci scattered throughout; large masses of Cu passing from W to E; haze in E.	
8	G	Overcast; Ci and Cu; haze.	
8	C	" " "	
8	C	" " "	
8	C	Overcast.	
8	C	Overcast; a few stars dimly visible.	
8	B	Overcast; Ci and Cu.	
8	B	" " "	
8	B	" " "	
8	B	Overcast; detached Ci above and L Cu below, both moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 84°0. Daily fall of rain by Osler's Gauge 0·03 in. Temperature of calculated dew-point at 8 P. M. was 71°7, lowest in the month and about 4°8 lower than the normal mean.
8	N	Overcast; detached Ci moving slowly to E and L Cu moving NE.	
8	N	Clouded as above, except a few stars and the moon visible through the breaks.	
8	N	Overcast with Ci and Cs; Cu passing rapidly to NE.	
8	N	Overcast; Ci and Cu.	
8	C	" "	
8	C	" "	
6	C	Ci and Ci scattered around the hor. and Cu moving NE. 8h. 43m.	
5	C	Ci, Ci and Cu scattered about the sky; at about 8h. 20m. the sky was overcast and it began to rain at 8h. 33m. and continued till	
8	B	Overcast with Cu moving E.	
7	B	Cu scattered throughout.	
8	B	Overcast; Ci and Cu.	
8	B	" "	
8	G	" "	
7	G	Ci and Cu scattered throughout.	
8	G	Overcast; Ci in NW and Cu throughout.	
6	G	Ci in the NW and Cu around the hor.	
8	B	Overcast; Ci and Cu.	
8	B	" "	
8	B	" "	
8	B	" "	
8	B	" "	
8	B	" "	
8	B	" "	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet-Bulb Thermometer.	Depression of Wet-Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in the recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 22nd-Midnight	29.816	28.967	79°0	76°0	3°0	74°8	0.849	0.88	79°9	81°2	W b S	0.2					
1 a. m.	.798	.949	79.0	76.0	3.0	74.8	.849	.88	79.9	81.6	,,	0.1					
2 ,,	.782	.900	78.8	76.8	2.0	76.0	.882	.92	79.4	81.6	,,	0.1					
3 ,,	.779	.894	78.5	76.8	1.7	76.1	.885	.95	79.0	81.5	,,	0.1					
4 ,,	.775	.890	78.5	76.8	1.7	76.1	.885	.95	79.0	81.5	,,	0.2					
5 ,,	.785	.919	78.2	76.2	2.0	75.4	.866	.92	79.0	81.5	,,	0.1					
6 ,,	.795	.931	77.6	76.0	1.6	75.4	.864	.93	79.0	81.4	,,	0.1					
7 ,,	.817	.935	79.5	77.0	2.5	76.0	.882	.90	79.6	81.4	,,	0.1					
8 ,,	.838	.970	80.8	77.0	3.8	75.5	.868	.85	80.7	81.5	,,	0.1					
9 ,,	.846	.992	82.8	77.2	5.6	75.0	.854	.78	81.6	81.5	,,	0.2	None.	None.	None.	None.	None.
10 ,,	.854	.977	83.6	78.0	5.6	75.8	.877	.78	82.0	81.6	,,	0.1					
11 ,,	.851	.978	84.7	78.2	6.5	75.7	.873	.75	82.8	81.7	,,	0.1					
Noon.	.835	.952	85.6	78.8	6.8	76.0	.883	.75	83.1	81.8	,,	0.1					
1 p. m.	.818	.925	86.0	79.0	7.0	76.4	.893	.74	83.5	81.9	W	0.1					
2 ,,	.795	.893	86.3	79.3	7.0	76.7	.902	.74	84.0	82.0	,,	0.1					
3 ,,	.772	.867	86.9	79.5	7.4	76.8	.905	.73	84.4	82.1	,,	0.2					
4 ,,	.758	.837	86.5	79.8	6.7	77.4	.921	.75	84.0	82.2	,,	0.1					
5 ,,	.771	.920	86.0	78.0	8.0	74.9	.851	.70	83.8	82.2	,,	0.2					
6 ,,	.783	.950	83.0	76.7	6.3	74.2	.833	.76	83.0	82.3	,,	0.1					
7 ,,	.791	.950	81.5	76.5	5.0	74.5	.841	.80	82.4	82.4	,,	0.1					
8 ,,	.805	.963	81.0	76.4	4.6	74.6	.842	.82	82.0	82.3	,,	0.1					
9 ,,	.820	.981	79.9	76.0	3.9	74.4	.839	.84	80.5	82.2	,,	0.0					
10 ,,	.831	.985	79.3	76.0	3.3	74.7	.846	.86	80.3	82.2	,,	0.0					
11 ,,	.822	.965	78.6	76.0	2.6	75.1	.857	.88	80.0	82.0	,,	0.0					
Aug. 23rd-Midnight	.806	.985	78.0	75.0	3.0	73.8	.821	.87	79.5	82.0	W b N	0.0					
1 a. m.	.792	.927	77.9	76.1	1.8	75.4	.865	.92	79.1	81.9	,,	0.1					
2 ,,	.785	.920	77.9	76.1	1.8	75.4	.865	.92	79.0	81.8	,,	0.1					
3 ,,	.779	.914	77.9	76.1	1.8	75.4	.865	.92	78.8	81.8	,,	0.0					
4 ,,	.785	.886	78.0	77.0	1.0	76.6	.899	.96	79.0	81.7	,,	0.0					
5 ,,	.789	.910	78.0	76.5	1.5	75.9	.879	.94	79.0	81.6	,,	0.1					
6 ,,	.807	.936	78.0	76.3	1.7	75.6	.871	.93	79.0	81.5	,,	0.1					
7 ,,	.828	.965	77.7	76.0	1.7	75.3	.863	.93	78.8	81.4	,,	0.3	0.42				
8 ,,	.833	.925	79.7	77.7	2.0	76.9	.908	.92	79.7	81.5	SW b W	0.1	0.22				
9 ,,	.834	.937	81.8	78.0	3.8	76.5	.897	.85	80.0	81.6	NW b N	0.1					
10 ,,	.836	.941	82.0	78.0	4.0	76.5	.895	.84	81.0	81.6	,,	0.1					
11 ,,	.831	.948	83.1	78.0	5.1	76.0	.883	.80	81.6	81.7	,,	0.1		None.	None.	None.	None.
Noon.	.819	.946	84.0	78.0	6.0	75.7	.873	.76	82.5	81.9	,,	0.2					
1 p. m.	.786	.943	84.9	77.0	7.9	74.6	.823	.70	82.8	82.0	NW	0.2					
2 ,,	.755	.894	85.8	78.2	7.6	75.2	.861	.72	83.4	82.0	,,	0.3					
3 ,,	.739	.888	86.0	78.0	8.0	74.9	.851	.70	83.4	82.0	,,	0.3					
4 ,,	.732	.881	86.0	78.0	8.0	74.9	.851	.70	83.4	82.1	,,	0.2					
5 ,,	.750	.894	85.5	78.0	7.5	75.1	.856	.72	83.4	82.2	NW b W	0.2					
6 ,,	.762	.918	83.0	77.0	6.0	74.6	.844	.77	82.4	82.3	,,	0.2					
7 ,,	.779	.920	81.6	77.0	4.6	75.2	.859	.82	82.0	82.3	,,	0.3					
8 ,,	.790	.941	81.1	76.6	4.5	74.8	.849	.82	81.5	82.2	,,	0.1					
9 ,,	.809	.941	80.8	77.0	3.8	75.5	.868	.85	81.3	82.2	,,	0.2					
10 ,,	.819	.944	80.2	77.0	3.2	75.8	.875	.87	81.0	82.3	,,	0.1					
11 ,,	.807	.970	80.1	76.0	4.1	74.4	.837	.83	80.9	82.2	,,	0.3					
Aug. 24th-Midnight	.795	.955	79.8	76.0	3.8	74.5	.840	.86	80.5	82.0	NW b W	0.0					
1 a. m.	.783	.920	79.5	76.5	3.0	75.3	.863	.88	80.0	82.0	,,	0.0					
2 ,,	.776	.927	79.0	76.0	3.0	74.8	.849	.88	79.7	81.9	,,	0.1					
3 ,,	.772	.925	79.2	76.0	3.2	74.7	.847	.87	80.0	81.8	,,	0.1					
4 ,,	.774	.927	79.2	76.0	3.2	74.7	.847	.87	79.7	81.8	,,	0.2					
5 ,,	.776	.929	79.2	76.0	3.2	74.7	.847	.87	79.7	81.8	,,	0.2					
6 ,,	.807	.954	78.6	76.0	2.6	75.0	.853	.89	79.6	81.7	,,	0.2	None.	None.	None.	None.	None.
7 ,,	.829	.973	79.8	76.4	3.4	75.1	.856	.86	80.0	81.7	NNW	0.1					
8 ,,	.844	.979	81.1	77.0	4.1	75.4	.865	.84	80.8	81.8	NNE	0.1					
9 ,,	.851	.949	81.4	78.0	3.4	76.7	.902	.87	81.0	81.8	,,	0.1					
10 ,,	.846	.951	82.0	78.0	4.0	76.5	.895	.84	81.4	81.8	N	0.2					
11 ,,	.844	.944	85.4	79.0	6.4	76.6	.900	.76	82.7	81.8	N b W	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; Ci cirri; Cc cirro-cumuli; Cu cumuli; Cc cirro-strati; Cu cumulo-strati; and Cn nimbi.	
8	B	Overcast with Cc moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 84°0. Height of barometer at 10 A. M. was 29·854 in., greatest in the month and about 0·075 in. greater than the normal mean. 22nd August was the 12th day on which the fall of rain was less than 0·01 in.
8	G	Overcast with Cc moving E; lunar halo observed at about 11h. 31m.	
8	G	Overcast with Cc moving E; thin drops of rain at 2h. 27m.	
8	G	" "	
8	G	" "	
7	C	Cc scattered throughout.	
5	C	Cc scattered around the hor.; Cc about the zenith.	
6	C	" " "	
6	C	Cc in the S of zenith and Cc throughout.	
7	B	" " "	
4	B	Cc scattered around the hor.	
3	B	Ci in S of zenith and Cc around the hor.	
4	B	Cc and Cc scattered about the sky.	
5	G	" " "	
3	G	" " "	
5	G	" " "	
5	G	" " "	
6	C	Cc, Cc and Cc scattered about the sky.	
6	C	" " "	
6	C	Cc and Cc scattered around hor.	
5	C	" " "	
4	V	Ci and small fragments of Cc scattered about.	
8	V	Overcast with Ci; Cc around the hor.	
8	V	" " "	
8	V	Overcast lightly; some of the principal stars dimly visible.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 83°9. Daily fall of rain by Osler's Gauge 0·64 in.
8	H	Overcast; Cc and Cc.	
7	H	Cc and Cc scattered throughout.	
8	H	Overcast with Cc and Cc.	
8	H	Overcast; Cc and large masses of Cc passing over to E.	
7	C	Cc and Cc scattered throughout.	
8	C	Overcast; it began to rain heavily at 6h. 30m.	
8	C	Overcast; rain which was falling from last hour continued till 7h. 32m.	
7	C	One dark mass of Cc covering nearly the whole sky; drops of rain at 8h. 32m.	
4	V	Cc scattered about the sky.	
7	V	Cc scattered throughout and Ci in the W of zenith.	
5	B	Cc around the hor.; Cc about the zenith.	
3	B	Ci in the S, Cc about the zenith and Cc around the hor.	
3	H	Cu from NE to SE hor. and Cc in the rest of the hor.; Ci in the zenith.	
3	H	" " " "	
5	H	Cc around the hor.; Ci in the S and SW of zenith.	
6	H	" " "	
7	C	Ci, Cc and Cc scattered throughout.	
8	C	Overcast; Ci, Cc and Cc.	
8	C	" " "	
7	C	" " "	
8	V	Overcast; Ci, Cc and Cc; a few stars dimly visible.	
7	V	Cc scattered throughout.	
5	V	Ci and Cc scattered about.	
7	V	D and L Ci scattered throughout; Cc around the hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 83°9. Temperature of dew-point at 3 P. M. was 79°6, greatest in the month and about 2°8 greater than the normal mean; and the temperature of evaporation at the same hour was 81°0, while the normal mean was 79°2. 24th August was the 37th day from the beginning of the year on which lightning was observed
8	H	D Ci cover the whole of the sky; Cc passing over to E; halo round the moon; drops of rain at 11h. 38m.	
8	H	Overcast; Ci, Cc and Cc.	
7	H	Cc and Cc throughout.	
7	H	" "	
7	C	" "	
8	C	Overcast.	
6	C	Ci, Cc and Cc scattered throughout.	
7	C	" "	
6	V	" "	
6	V	" "	
7	V	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 feet in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering some degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 24th-Noon.	29.825	28.910	84·0	79·0	5·0	77·2	0.915	0.81	82·4	81·9	N	0.4					
1 p. m.	.794	.927	86.5	78.5	8.0	75.5	.867	.70	84.0	82.9	NW b N	0.5					
2 „	.771	.881	85.9	78.9	7.0	76.3	.890	.74	84.0	82.0	NW	0.6					
3 „	.758	.769	85.0	81.0	4.0	79.6	.989	.84	83.8	82.5	„	0.5					
4 „	.751	.899	85.9	78.0	7.9	74.9	.852	.70	84.0	82.3	„	0.4					
5 „	.763	.930	84.0	77.0	7.0	74.2	.833	.73	83.4	82.3	„	0.3					
6 „	.777	.955	82.2	76.2	6.0	73.8	.822	.77	82.3	82.4	„	0.3	None.	None.	None.	None.	None.
7 „	.787	.958	81.2	76.1	5.1	74.1	.829	.79	81.9	82.4	„	0.3					
8 „	.804	.993	80.7	75.5	5.2	73.4	.811	.79	81.2	82.2	„	0.3					
9 „	.804	.972	80.5	76.0	4.5	74.2	.832	.78	81.0	82.2	„	0.2					
10 „	.809	.973	80.2	76.0	4.2	74.3	.836	.83	80.8	82.0	„	0.2					
11 „	.811	.934	80.0	77.0	3.0	75.8	.877	.88	80.6	82.0	„	0.3					
Aug. 25th-Midnight	.785	.947	80.0	76.0	4.0	74.4	.838	.84	80.5	82.0	NW	0.3					
1 a. m.	.773	.930	79.5	76.0	3.5	74·6	.843	.86	80.0	82.0	NW b W	0.2					
2 „	.768	.919	79.0	76.0	3.0	74.9	.849	.88	79.8	81.9	NW b N	0·0					
3 „	.768	.940	78.8	75·4	3.4	74.0	.828	.86	79.1	81.8	„	0.0					
4 „	.771	.898	78.6	76.5	2.1	75.7	.873	.91	79.0	81.7	„	0.0					
5 „	.783	.906	78.2	76.5	1.7	75.8	.877	.93	79.0	81.7	NNW	0.1					
6 „	.795	.935	78.0	76.0	2.0	75.2	.860	.92	79.0	81.7	„	0.1					
7 „	.813	.932	79.6	77.0	2.6	76.0	.881	.89	79.7	81.8	N	0.2					
8 „	.829	.950	81.7	77.5	4.2	75.9	.879	.83	80.8	81.8	„	0.1					
9 „	.831	.946	82.9	78.0	4.9	76.1	.885	.81	82.0	81.9	N b W	0.2					
10 „	.833	.939	84.0	78.5	5.5	76.0	.894	.79	82.5	82.0	NW b N	0.4					
11 „	.825	.921	85.0	79.0	6.0	76.8	.904	.77	83.0	82.0	NNW	0.5					
Noon.	.804	.949	85.6	78.0	7.6	75.0	.855	.72	83.2	82.0	NW b N	0.4	None.	None.	None.	None.	None.
1 p. m.	.776	.915	85.8	78.2	7.6	75.2	.861	.72	83.6	82.1	„	0.5					
2 „	.753	.892	85.8	78.2	7.6	75.2	.861	.72	83.5	82.1	NW	0.6					
3 „	.734	.883	86.0	78.0	8.0	74.9	.851	.70	83.3	82.2	„	0.7					
4 „	.726	.882	85.7	77.6	8.1	74.6	.844	.70	83·1	82.2	„	0.7					
5 „	.739	.913	84.6	77.0	7.6	74.0	.826	.72	83.1	82.3	NW b W	0.4					
6 „	.753	.939	82.2	76.0	6.2	73.5	.814	.76	82.2	82.3	„	0.5					
7 „	.765	.971	81.2	75.2	6.0	72.8	.794	.76	81.4	82.3	„	0.5					
8 „	.772	.974	80.8	75.2	5.6	72.9	.798	.78	81.2	82.2	„	0.4					
9 „	.797	.963	80·4	76.0	4.4	74.3	.834	.82	81.0	82.2	„	0.3					
10 „	.803	29.005	80.1	75.0	5.1	72.9	.798	.79	80.5	82.0	„	0.2					
11 „	.789	28.990	80.0	75.0	5.0	73.0	.799	.80	80.3	82.0	„	0.1					
Aug. 26th-Midnight	.769	.929	79.8	76.0	3·8	74.5	.840	.85	80.0	82.0	NW b W	0.1					
1 a. m.	.748	.868	79.7	77.0	2.7	75.9	.880	.89	79.7	82.0	„	0.0		+	6		2.24
2 „	.731	.876	79.2	76.2	3.0	75.0	.855	.88	79.6	81.9	„	0.3		+	10		1.11
3 „	.719	.864	79.2	76.2	3.0	75.0	.855	.88	79.5	81.8	„	0.2		+	4		3.39
4 „	.725	.841	79.4	77.0	2.4	76.1	.884	.90	79.5	81.8	„	0·4		+	2		Above 10m
5 „	.739	.894	79.4	76.0	3.4	74.7	.845	.86	79.5	81.8	„	0.4					
6 „	.749	.900	79.0	76.0	3.0	74·8	.849	.88	79.5	81.8	„	0.3					
7 „	.772	.956	79.2	75.2	4.0	73.6	.816	.84	79.6	81.8	„	0.3					
8 „	.784	.935	79.4	76·0	3.4	74·8	.849	.86	79.8	81.8	„	0.3					
9 „	.795	.945	78.9	76.0	2.9	74.8	.850	.88	79.0	81.8	W b N	0.2	0.12				
10 „	.802	.965	76.5	75.0	1.5	74.4	.837	.93	78.5	81.5	W b S	0.1	0.18				
11 „	.797	.932	77.5	76.0	1.5	75.4	.865	.93	78.9	81.5	„	0.1	0·03				
Noon.	.784	.941	76.0	75.0	1.0	74.6	.843	.96	78.5	81.5	WSW	0.1	0.01				
1 p. m.	.756	.917	77.4	75.3	2.1	74.4	.839	.91	78.5	81.2	WNW	0.2	0.07				
2 „	.737	.898	77.4	75.3	2.1	74.4	.839	.91	78.5	81.2	NW b N	0.1	0.02				
3 „	.726	.886	76.3	75.0	1.3	74.5	.840	.94	77.7	81.2	NNW	0.6	0.08			None.	
4 „	.719	.876	76.0	75.0	1.0	74.6	.843	.96	77.0	81.2	„	0.5	0.03				
5 „	.731	.906	76.2	74.6	1.6	73.9	.825	.93	77.4	81.2	„	0.3					
6 „	.735	.923	75.4	74.0	1.4	73.4	.812	.94	77.2	81.2	N b W	0.2					
7 „	.744	.926	75.5	74.2	1.3	73.6	.818	.94	77.3	81.3	„	0.2					
8 „	.748	.907	76.2	75.0	1.2	74.5	.841	.95	77.5	82.2	„	0.1					
9 „	.754	.914	76.3	75.0	1.3	74.5	.840	.94	77.0	81.0	„	0.0					
10 „	.757	.917	76.3	75.0	1.3	74.5	.840	.94	77.5	81.0	„	0.0					
11 „	.742	.905	76.5	75.0	1.5	74.4	.837	.94	77.8	81.0	NE	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cc cirro-cumuli; Cu cumuli; Cs cirro-strati; Cu cumulo-strati; and Cn nimbi.	Remarks.
7	V	Ci, Cc and Cn cover almost the whole of the sky; drops of rain at the time of observation.	after sunset; it was the 13th day on which fall of rain was less than 0·01 in.
8	H	Overcast; Ci and Cc.	
7	H	" "	
8	H	" "	
8	H	" "	
8	C	Overcast; Cc and Cn.	
8	C	" "	
6	C	Cc and Ci scattered about the hor.; small fragments of Cn passing towards E; flashes of lightning were seen at the end of the hour.	
5	C	Cc and Cn scattered around the hor., otherwise clear; lightning in NE.	
3	V	Clouded around the hor.; clear elsewhere; no lightning was seen after the last observation.	
2	V	" " "	
5	V	" " "	
3	V	Cn scattered around the hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°2 and 83°8.
5	G	Ci and Cn scattered about the sky.	
4	G	Ci and Cn scattered about the sky; haze over the moon.	
6	G	Cn scattered throughout moving SE; slight dew.	
5	G	" " "	25th August was the 14th day on which the fall of rain was less than 0·01 in.
8	C	Overcast; small drops of rain falling till 5h. 18m.	
6	C	Ci and Cn scattered about.	
7	C	" "	
6	C	" "	
6	V	Cn scattered throughout; hazy.	
5	V	Cc and Cn throughout; light haze.	
7	V	" "	
3	V	Ci and Cc in the S and Cn around the hor.	
2	G	Cn scattered around hor.	
2	G	" "	
3	G	" "	
3	G	" "	
4	C	Ci and Cn.	
4	C	Cs in the E; Ci and Cn scattered about the sky.	
3	C	Cs in the E and W; Cc in the S hor. and fragments of Cn here and there.	
1	C	Clouded around the hor., otherwise clear.	
2	V	" " "	
5	V	Cn scattered about the sky.	
7	V	Nearly overcast.	
8	V	Overcast with Cn moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°4 and 83°9. Daily fall of rain by Osler's Gauge 0·48 in. Temperature of evaporation at 6 P.M. was 74°0, lowest in the month, while the normal mean temperature for the same hour was 77°8.
6	G	Cn scattered throughout.	
7	G	" "	
8	G	Overcast; a few stars dimly visible.	
8	G	" "	
8	C	Overcast; Cn moving ESE.	
8	C	Overcast; Ci and Cn; light rain began to fall at 6h. 52m.	
8	C	Overcast; lightly raining.	
8	C	Overcast; raining.	
8	V	Overcast; raining very lightly.	
8	V	" "	
8	V	" "	
8	V	" "	
8	G	Overcast; lightly raining.	
8	G	" "	
8	G	Overcast; lightly raining; rain ceased at 3h. 38m.	
8	G	Overcast; Cn moving ESE.	
8	C	" "	
8	C	" "	
8	C	" "	
8	C	" "	
8	V	" "	
8	V	Overcast; Cn moving ESE; a few stars dimly visible.	
8	V	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 Inch in the Ground.	Ground Thermometers. Thermometer 6 Inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the Tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 27th-Midnight	29.726	28.889	76°5	75°0	1°5	74°4	0.837	0.94	78°0	81°0	NE	0.0					
1 a. m.	.721	.880	76.2	75.0	1.2	74.5	.841	.95	77.0	80.9	NE b E	0.0	0,12				
2 „	.708	.865	76.0	75.0	1.0	74.6	.843	.96	77.0	80.8	ENE	0.2	1.07				
3 „	.702	.859	76.0	75.0	1.0	74.6	.843	.96	77.0	80.8	„	0.0	0.03				
4 „	.698	.855	76.0	75.0	1.0	74.6	.843	.96	77.0	80.8	„	0.0	0.10				
5 „	.702	.855	76.4	75.2	1.2	74.7	.847	.95	77.2	80.7	NW	0.1	0.01				
6 „	.724	.888	76.6	75.0	1.6	74.3	.836	.93	77.2	80.7	NW b W	0.2					
7 „	.744	.912	77.7	75.2	2.5	74.2	.832	.89	77.8	80.7	„	0.2					
8 „	.762	.920	77.9	75.5	2.4	74.6	.842	.90	78.5	80.6	„	0.1					
9 „	.763	.896	79.1	76.5	2.6	75.5	.867	.89	79.0	80.5	„	0.1					
10 „	.762	.924	80.0	76.0	4.0	74.4	.838	.84	79.0	80.8	NW b N	0.1					
11 „	.761	.883	79.9	77.0	2.9	75.9	.878	.88	79.9	80.8	„	0.1		None.	None.	None.	None.
Noon.	.740	.913	81.0	76.0	5.0	74.0	.827	.80	80.0	80.8	„	0.1					
1 p. m.	.726	.899	81.0	76.0	5.0	74.0	.827	.80	80.0	80.8	NW b W	0.2					
2 „	.711	.871	79.8	76.0	3.8	74.5	.840	.85	79.7	80.8	„	0.1	0.01				
3 „	.702	.831	77.7	76.2	1.5	74.6	.871	.94	78.2	80.7	„	0.1	0.11				
4 „	.697	.861	76.6	75.0	1.6	74.3	.836	.93	77.5	80.7	„	0.2	0.20				
5 „	.705	.896	75.6	74.0	1.6	73.3	.809	.93	77.4	80.7	„	0.2	0.11				
6 „	.711	.904	75.8	74.0	1.8	73.2	.807	.92	77.3	80.6	NW b N	0.3	0.01				
7 „	.728	.915	76.3	74.3	2.0	73.5	.813	.91	77.4	80.5	„	0.2					
8 „	.754	.944	76.6	74.3	2.3	73.3	.810	.90	77.4	80.5	„	0.2					
9 „	.773	.941	77.0	75.0	2.0	74.2	.832	.91	77.5	80.8	„	0.0					
10 „	.773	.897	76.5	76.0	0.5	75.8	.876	.98	77.5	80.9	N b W	0.0					
11 „	.775	.948	76.5	75.0	1.5	74.4	.837	.95	77.8	80.7	„	0.0					
Aug. 28th-Midnight	.756	.919	76.5	75.0	1.5	74.4	.837	.95	77.8	80.8	N b W	0.0					
1 a. m.	.738	.895	76.0	75.0	1.0	74.6	.843	.96	77.0	80.7	„	0.3					
2 „	.716	.873	76.0	75.0	1.0	74.6	.843	.96	77.0	80.6	S b E	0.2					
3 „	.712	.883	76.4	75.0	1.4	74.1	.829	.94	77.0	80.5	„	0.0					
4 „	.710	.870	76.3	75.0	1.3	74.5	.840	.94	77.0	80.4	„	0.2					
5 „	.724	.878	76.5	75.2	1.3	74.7	.846	.94	77.2	80.3	„	0.1					
6 „	.738	.892	76.5	75.2	1.3	74.7	.846	.94	77.2	80.3	S	0.1					
7 „	.762	.895	77.4	76.0	1.4	75.5	.867	.94	77.7	80.3	„	0.1					
8 „	.776	.896	78.3	76.6	1.7	75.9	.880	.93	78.4	80.3	„	0.2					
9 „	.786	.870	80.1	78.0	2.1	77.2	.916	.91	80.1	80.5	„	0.1					
10 „	.791	.891	81.5	78.0	3.5	76.6	.900	.87	81.0	80.8	„	0.1		None.	None.	None.	None.
11 „	.780	.858	83.4	79.0	4.4	77.4	.922	.83	82.0	80.8	„	0.1					
Noon.	.767	.853	84.1	79.0	5.1	77.1	.914	.80	82.5	81.0	W b N	0.2	None.				
1 p. m.	.739	.819	84.7	79.3	5.4	77.3	.920	.79	83.0	81.0	„	0.3					
2 „	.717	.802	84.0	79.0	5.0	77.2	.915	.81	82.2	81.0	„	0.2					
3 „	.705	.822	83.8	78.2	5.6	76.0	.883	.78	82.0	81.0	„	0.1					
4 „	.688	.797	82.4	78.0	4.4	76.3	.891	.83	81.7	81.0	„	0.2					
5 „	.702	.840	81.4	77.0	4.4	75.3	.862	.82	81.2	81.1	WNW	0.2					
6 „	.727	.861	81.0	77.0	4.0	75.4	.866	.84	81.0	81.2	„	0.1					
7 „	.740	.902	80.0	76.0	4.0	74.4	.838	.84	80.5	81.3	NW	0.1					
8 „	.748	.910	80.0	76.0	4.0	74.4	.838	.84	80.3	81.3	„	0.1					
9 „	.785	.944	79.7	76.0	3.7	74.5	.841	.85	80.1	81.2	„	0.1					
10 „	.786	.928	78.2	76.0	2.2	75.1	.858	.91	79.6	81.1	NE b E	0.1					
11 „	.772	.927	78.0	75.6	2.4	74.7	.845	.90	79.3	81.1	ENE	0.2					
Aug. 30th-Midnight	.792	.921	77.0	76.0	1.0	75.6	.871	.96	78.0	81.0	E	0.3					
1 a. m.	.783	.942	76.2	75.0	1.2	74.5	.841	.95	77.5	80.8	„	0.0	0.17				
2 „	.765	.922	76.0	75.0	1.0	74.6	.843	.96	77.2	80.8	„	0.2					
3 „	.751	.931	75.5	74.5	1.0	73.7	.820	.96	77.1	80.7	„	0.2					
4 „	.739	.919	75.5	74.5	1.0	73.7	.820	.96	77.0	80.6	„	0.1					
5 „	.745	.902	76.0	75.0	1.0	74.6	.843	.96	77.0	80.5	„	0.1	0.01	None.	None.	None.	None.
6 „	.766	.923	76.0	75.0	1.0	74.6	.843	.96	77.0	80.5	E b S	0.1					
7 „	.777	.926	76.3	75.3	1.0	74.9	.851	.96	77.1	80.4	„	0.1					
8 „	.795	.943	76.6	75.4	1.2	74.9	.852	.95	77.2	80.4	„	0.1					
9 „	.803	.943	78.0	76.0	2.0	75.2	.860	.92	78.3	80.3	„	0.1					
10 „	.794	.918	80.1	77.0	3.1	75.8	.876	.87	80.0	80.4	„	0.1					
11 „	.791	.885	81.0	78.0	3.0	76.3	.906	.88	80.3	80.5	WSW	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩⌣ cumulo-strati; and ≀≀ nimbi.	
8	V	Densely overcast; it began to rain at 0h. 22m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°4 and 83°9. Daily fall of rain by Osler's Gauge 1·73 in.
8	G	Overcast; raining heavily.	
8	G	Overcast; rain ceased at 2h. 11m., but recommenced at 2h. 26m. and lasted 2m.	
8	G	Overcast; lightly raining.	
8	G	Overcast; slight rain at 4h. 7m.	
8	C	Overcast; drops of rain.	
8	C	,,	
8	C	,,	
8	C	,,	
8	V	,,	
8	V	,,	
8	V	Overcast; drizzling rain began to fall a few minutes before full hour and continued till 11h. 45m.	
8	V	,,	
8	G	Overcast; light rain from 1h. 32m. to 1h. 50m.	
8	G	Overcast; lightly raining.	
8	G	,, ,,	
8	G	,, ,,	
8	C	Overcast; slight rain.	
8	C	,,	
8	C	,,	
8	C	,,	
8	V	,,	
8	V	,,	
8	V	,,	
8	V	Overcast; ⌣ and ≀≀.	Mean daily temperature of ground 20 and 60 inches below its surface 83°4 and 83°9. 28th August was the 15th day on which the fall of rain was less than 0·01 in.
8	G	Densely overcast; drops of rain between 1h. 37m. and 1h. 42m.	
8	G	,, ,,	
8	G	Overcast; very light rain falling from 3h. 10m. to 3h. 40m.	
8	G	Overcast.	
8	C	,,	
8	C	,,	
8	C	,,	
8	C	,,	
8	V	Overcast; ⌣ and ≀≀; ≀≀ in the S.	
8	V	Densely overcast; ≀≀ in the S and ≀≀ elsewhere.	
8	V	,, ,, ,,	
8	V	,, ,, ,,	
8	G	Overcast; ≀≀ and ≀≀.	
8	G	,, ,,	
8	G	,, ,,	
8	G	,, ,,	
8	C	,, ,,	
8	C	,, ,,	
8	C	Overcast; ≀≀ and ≀≀; a few stars dimly visible in the zenith.	
8	C	,, ,, ,,	
6	C	≀≀ scattered throughout moving E.	
5	C	,, ,,	
8	C	Overcast.	
8	V	Overcast; lightly raining from full hour.	Mean daily temperature of ground 20 and 60 inches below its surface 83°4 and 83°9. Daily fall of rain by Osler's Gauge 0·89 in.
8	G	Overcast; it was raining till 1h. 20m.	
8	G	Overcast; drops of rain at 2h. 39m.	
8	G	,,	
8	G	Overcast; light rain from 4h. 27m. to 4h. 39m.	
8	C	,,	
8	C	,,	
8	C	Overcast; slight rain at 7h. 14m.	
8	C	,, ,,	
8	V	,,	
8	V	,,	
8	V	Overcast; raining from 11h. 15m.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Aug. 30th-Noon.	29.772	28.912	78·0	76·0	2·0	75.2	0.860	0.92	79·0	80·5	N b W	0·1	0.37				
1 p. m.	.752	.923	76.4	75.0	1.4	74·1	.829	.94	77.5	80.2	NW b W	0.1	0.02				
2 ,,	.728	.872	76.6	75.5	1.1	75.1	.856	.95	77.0	80.2	NW b N	0.2	0.06				
3 ,,	.720	.860	76.2	75.5	0.7	75.2	.860	.97	76.8	80.1	,,	0.1	0.04				
4 ,,	.704	.861	76.0	75.0	1.0	74.6	.843	.96	76.4	80.0	NW	0.2	0.05	None.	None.	None.	None.
5 ,,	.709	.884	75.6	74.4	1.2	73.9	.825	.95	76.4	80.0	NW b N	0.3	0.03				
6 ,,	.733	.908	76.2	74.6	1.6	73.9	.825	.93	76.4	80.1	NW b W	0.3	0·03				
7 ,,	.747	.915	77.0	75.0	2.0	74.2	.832	.91	77.2	80.2	,,	0.2					
8 ,,	.772	.895	78.2	76.5	1.7	75.8	.877	.93	78.2	80.2	WNW	0.2					
9 ,,	.791	.927	77.6	76.0	1.6	75.4	.864	.93	78.0	80.4	NW	0.3	0.07				
10 ,,	.789	.946	76·0	75.0	1.0	74.6	.843	.96	77.0	80.3	SE	0.3	0.09				
11 ,,	.783	.940	76.0	75.0	1.0	74.6	.843	.96	77.0	80.3	S SE	0·2	0.01				
Aug. 31st-Midnight	.767	.924	76·0	75·0	1.0	74.6	.843	.96	77·0	80.3	SSE	0·2					
1 a. m.	.747	.907	76.3	75.0	1.3	74.5	.840	.94	77.0	80.3	,,	0·3					
2 ,,	.743	.910	76.0	75.0	1.0	74.6	.843	.96	76.9	80.2	,,	0.2					
3 ,,	.729	.886	76.0	75.0	1.0	74.6	.843	.96	76.9	80.1	,,	0.0					
4 ,,	.731	.886	75.8	75.0	0.8	74.7	.845	.97	76.7	80.0	,,	0.0	0.02				
5 ,,	.742	.869	76·8	76.0	0·8	75.7	.873	.97	77.5	80.0	,,	0.1					
6 ,,	.746	.873	76.8	76.0	0.8	75.7	.873	.97	77.5	80.0	,,	0.1					
7 ,,	.768	.871	78.2	77.0	1.2	76.5	.897	.95	78.4	80.0	W b S	0.2					
8 ,,	.779	.891	79.0	77.0	2.0	76.2	.888	.92	79.2	80.0	W b N	0·2					
9 ,,	.780	.869	80.5	78.0	2.5	77.0	.911	.91	80.0	80.2	NW	0.1					
10 ,,	.782	.874	80.8	78.0	2.8	76.9	.908	.85	80.5	80.4	,,	0·2					
11 ,,	.776	.848	82.8	79·0	3.8	77.6	.928	.85	81.0	80.5	NNW	0.2		None.	None.	None.	None.
Noon.	.757	.824	83.5	79.3	4.2	77.8	.933	.84	82.0	80.6	,,	0.2					
1 p. m.	.740	.799	83.6	79.5	4.1	78·0	.941	.84	82.1	80.7	NW b W	0.3					
2 ,,	.719	.804	84.0	79.0	5.0	77.2	.915	.81	82.4	80.8	,,	0.2					
3 ,,	.697	.782	84.0	79.0	5.0	77.2	.915	.81	82.4	80.8	,,	0.2					
4 ,,	.691	.804	84.2	78.4	5.8	76.2	.887	.78	82.5	80.8	,,	0.1					
5 ,,	.695	.828	82.8	77.5	5.3	75.5	.867	.79	82.5	80·9	,,	0.2					
6 ,,	.704	.856	81.2	76.6	4.6	74.8	.848	.82	81.6	81.0	,,	0.2					
7 ,,	.720	.847	80.4	77.0	3.4	75.7	.873	.86	81.1	81.1	,,	0.3					
8 ,,	.753	.900	80.0	76.4	3.6	75.0	.853	.85	80·7	81.2	,,	0.3					
9 ,,	.759	.916	79.5	76.0	3.5	74.6	.843	.86	80.0	81.0	,,	0.4					
10 ,,	.761	.888	78.6	76.5	2.1	75.7	.873	.91	79.0	81.0	W	0.3	0.02				
11 ,,	.752	.903	79·0	76.0	3·0	74.8	.849	.92	79.8	81.0	,,	0.1					
Sept. 1st-Midnight	.732	.839	78.5	77.0	1·5	76.4	.893	.94	79.0	81.0	W	0.2					
1 a. m.	.718	.822	78.3	77.0	1.3	76.5	.896	.94	78.9	81.0	,,	0.3					
2 ,,	.701	.815	77.8	76.6	1.2	76.1	.886	.95	78.5	80.9	,,	0.0					
3 ,,	.697	.850	77.4	75.5	1.9	74.7	.847	.92	78.0	80.8	W b N	0.0					
4 ,,	.697	.820	77.0	76.0	1·0	75.8	.877	.96	77.7	80.7	,,	0.0					
5 ,,	.711	.855	77.0	75.6	1.4	75.1	.856	.94	77·7	80.7	,,	0.1					
6 ,,	.722	.876	76·5	75.2	1.3	74.7	.846	.94	77.2	80.6	,,	0.1					
7 ,,	.744	.863	78.2	76.6	1.6	76.0	.881	.93	78.0	80.5	,,	0.1					
8 ,,	.772	.870	78.8	77.3	1.5	76.7	.902	.94	78.8	80.6	SW b S	0.3	0.01				
9 ,,	.776	.916	78.0	76.0	2.0	75.2	.860	.92	79.0	80.5	,,	0.1	0.17				
10 ,,	.770	.853	80.0	78.0	2.0	77.2	.917	.92	80.0	80.7	,,	0.2					
11 ,,	.759	.833	83.0	79.0	4.0	77.5	.926	.84	81.5	80.9	,,	0.1					
Noon.	.741	.811	83.0	79.2	3.8	77.7	.934	.85	81.7	80.9	SSW	0.1		None.	None.	None.	None.
1 p. m.	.728	.795	83.5	79.3	4.2	77.8	.933	.84	82.2	80.9	SW b W	0.4					
2 ,,	.711	.752	80.0	79.0	1.0	78.6	.959	.96	80.4	80.9	WNW	0.2	0.05				
3 ,,	.683	.761	83.4	79.0	4.4	77.4	.922	.83	81.6	80.9	,,	0.2					
4 ,,	.672	.757	84.0	79.0	5.0	77.2	.915	.81	81.8	81.0	,,	0.1					
5 ,,	.687	.804	83.8	78.2	5.6	76.0	.883	.78	81.0	81.1	,,	0.1					
6 ,,	.697	.835	81.4	77.0	4.4	75.3	.862	.82	81.0	81.1	,,	0.2					
7 ,,	.708	.828	78.3	76.6	1.7	75.9	.880	.93	80.9	81.1	NW b W	0.6	0.04				
8 ,,	.733	.896	76.5	75.0	1.5	74·4	.837	.95	79.0	81.0	,,	0.0					
9 ,,	.747	.912	76.7	75.0	1.7	74.3	.835	.93	79.0	81.0	,,	0.0					
10 ,,	.753	.921	77.0	75·0	2.0	74.2	.832	.91	79.0	80.9	WSW	0.2					
11 ,,	.748	.916	77.0	75.0	2.0	74·2	.832	.91	78.8	80.9	SW b W	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ∿ cirri; ∿ cirro-cumuli; ⌒ cumuli; ∿ cirro-strati; ⌒ cumulo-strati; and ∿ nimbi.	
8	V	Overcast; raining lightly.	
8	G	" "	
8	G	" "	
8	G	" "	
8	G	" "	
8	C	Overcast; raining lightly; rain ceased at 5h. 36m.	
8	C	Overcast; drops of rain at about 6h. 30m.	
8	C	Overcast; ∿ moving E.	
8	C	Overcast; raining lightly.	
8	V	Overcast; shower of rain about 9h. 30m. then lightly raining.	
8	V	Overcast; raining lightly.	
8	V	Overcast; rain ceased at full hour.	
8	V	Overcast; ∿ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°4 and 83°9. Daily fall of rain by Osler's Gauge 0·04 in.
8	G	Overcast; a few stars dimly visible.	
8	G	Overcast; large drops of rain at 2h. 40m.	
8	G	Overcast; ∿ moving SW; a few stars visible at times through the breaks; shower of rain at 3h. 32m. lasted 7m.	
8	G	" "	
8	C	" "	
8	C	Overcast; ∿ moving E.	
8	C	" "	
8	C	" "	
8	V	" "	
8	V	Overcast; ∿ and ∿.	
8	V	" "	
7	V	∿ and ∿ scattered throughout; ∿ along W hor.	
8	G	Overcast; ∿ and large masses of ∿.	
8	G	Overcast; ∿, ∿ and ∿.	
8	G	" "	
8	G	" "	
8	C	" "	
8	C	Overcast.	
7	C	Nearly overcast; ∿, ∿ and ∿; some stars visible.	
6	C	∿ and ∿ throughout; the latter moving SE.	
8	V	Overcast; light rain from full hour to 9h. 15m.	
6	V	∿ scattered throughout.	
6	V	" "	
5	V	∿ scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°4 and 83°8. Daily fall of rain by Osler's Gauge 0·26 in.
1	G	Clouded around hor.; slight dew.	
1	G	" "	
2	G	∿ scattered around hor.; dew falling.	
5	G	∿ scattered about the sky; copious dew. [falling.	
7	C	Quantity of clouds from last observation was variable, frequently the sky was clear; at present it is nearly overcast and drops of rain	
7	C	Clouded as above; fine land breezes.	
8	C	Overcast; ∿ and ∿; light rain from 7h. 34m. to 7h. 47m.	
8	C	Overcast; shower of rain at 8h. 4m., lasted 8m. then lightly raining till 8h. 30m.	
8	V	Overcast; ∿ moving E.	
8	V	" "	
8	V	Overcast; ∿ moving E; lightly raining.	
8	V	Overcast; ∿ moving E; light rain at 0h. 5m. lasted 6m.	
8	G	Overcast; light rain frequently.	
8	G	" "	
7	G	∿ and ∿ scattered throughout.	
7	G	" "	
7	G	∿ and ∿ scattered throughout; light rain from 5h. 40m. to 5h. 52m.	
8	G	Overcast; lightly raining.	
8	G	Overcast; drops of rain at 7h. 27m.	
8	G	Overcast; drops of rain at 8h. 30m.	
8	C	Overcast; a few stars dimly visible.	
8	C	Overcast; drops of rain falling.	
6	C	∿ scattered throughout.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Strawson Volta 1.	Electrical Instruments. Readings of Strawson Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 2nd-Midnight	29.738	28.869	77°2	76°0	1°2	75°5	0.869	0.95	78°2	80°9	SSW	0.1					
1 a. m.	.726	.883	76·0	75.0	1.0	74.6	.843	.96	78.0	80.9	SW	0.1	0.27				
2 „	.706	.863	76.0	75.0	1.0	74.6	.843	.96	78.0	80.9	SSW	0.1	0.18				
3 „	.690	.847	76.0	75.0	1.0	74.6	.843	.96	77.5	80.8	WNW	0.0	0.08				
4 „	.702	.831	77.0	76.0	1.0	75.6	.871	.96	78.0	80.8	„	0.0	0.07				
5 „	.709	.869	76.3	75.0	1.3	74.5	.840	.94	77.0	80.7	W b S	0.2	0.01				
6 „	.727	.854	76.8	76·0	0.8	75.7	.873	.97	77.0	80.6	„	0.1					
7 „	.748	.877	77.0	76.0	1.0	75.6	.871	.96	77.4	80.5	S	0.4					
8 „	.763	.892	77.0	76.0	1.0	75.6	.871	.96	77.5	80.3	SE b S	0.3	0.01				
9 „	.779	.908	77.0	76.0	1.0	75.6	.871	.96	77.7	80.3	„	0.2	0.29				
10 „	.782	.908	76.7	76.0	0.7	75.7	.874	.97	77.6	80.3	SW b W	0.2	0.45	+	20	16	0.21
11 „	.773	.903	78.1	76.3	1.8	75.6	.870	.92	78·0	80.4	„	0.2	0.05				
Noon.	.756	.879	78.2	76.5	1.7	75.8	.877	.93	78.5	80.5	WSW	0.2					
1 p. m.	.734	.843	79.5	77.2	2.3	76.3	.891	.90	79.3	80.5	SW b W	0.1					
2 „	.723	.911	78.8	75.0	3.8	73.4	.812	.84	79.3	80.5	„	0.2					
3 „	.715	.885	77.2	75.0	2.2	74.1	.830	.91	78.2	80.4	SSW	0.1	0.05				
4 „	.704	.833	77·0	76.0	1.0	75.6	.871	.95	78.2	80.4	SW b S	0.1	0·08				
5 „	.708	.841	77.4	76.0	1.4	75.5	.867	.94	77.7	80.4	SSW	0.1					
6 „	.712	.841	77.0	76.0	1.0	75.6	.871	.95	77.6	80.4	S b W	0.2					
7 „	.718	.847	77.0	76.0	1.0	75.6	.871	.95	77.5	80.4	„	0.4					
8 „	.743	.898	75.8	75.0	0.8	74.7	.845	.97	77.1	80.3	SW b W	0.2	0.11				
9 „	.763	.909	76.0	75.3	0.7	75.0	.854	.97	77.2	80.3	„	0.1	0.04				
10 „	.764	.919	75.8	75.0	0.8	74.7	.845	.97	77.1	80.3	W	0.1					
11 „	.752	.900	76.2	75.3	0.9	74.9	.852	.96	77.1	80.3	W b S	0.1					
Sept. 3rd-Midnight	.736	.882	76.0	75.3	0.7	75.0	.854	.97	76.8	80.3	W	0.1	0.16				
1 a. m.	.718	.875	76.0	75.0	1.0	74.6	.843	.96	77.0	80.3	„	0.1					
2 „	.707	.834	76.8	76.0	0.8	75.7	.873	.96	77.5	80.4	SSW	0.1					
3 „	.708	.832	76.6	76.0	0.6	75.8	.875	.97	77.8	80.3	S b W	0.1					
4 „	.706	.835	77.0	76·0	1.0	75.6	.871	.95	78·0	80.3	„	0.1					
5 „	.708	.835	76.8	76.0	0.8	75.7	.873	.97	77.7	80.2	„	0.1					
6 „	.726	.880	76.5	75.2	1.3	74.7	.846	.94	77.5	80.2	„	0.2					
7 „	.747	.871	78.6	76.5	2.1	75.7	.873	.91	78.0	80·1	„	0.1					
8 „	.759	.882	80.0	77.0	3.0	75.8	.877	.88	78.8	80.1	SSW	0.2					
9 „	.769	.874	82.0	78.0	4.0	76.5	.895	.84	80.4	80.2	„	0.3					
10 „	.776	.861	80.2	78.0	2.2	77.2	.915	.91	80.0	80.2	SSE	0.3	0.04				
11 „	.766	.833	82.4	79.0	3.4	77.8	.933	.86	81.0	80.3	„	0.4					
Noon.	.748	.801	83.0	79.5	3.5	78.2	.947	.86	81.3	80.5	S b E	0.5		None.	None.	None.	None.
1 p. m.	.724	.798	83.0	79.0	4.0	77.5	.926	.84	81.5	80.6	S b W	0.1					
2 „	.712	.795	83.6	79.0	4.6	77.2	.917	.82	82.0	81.0	„	0.2					
3 „	.698	.774	83.2	79.0	4.2	77.5	.924	.83	82.0	81.0	„	0.3					
4 „	.698	.854	83.0	77.0	6.0	74.6	.844	.77	82.0	81.0	„	0.2					
5 „	.700	.799	82.2	78.2	4.0	76.7	.901	.84	81.7	81.1	SW b S	0.3					
6 „	.712	.844	80.8	77.0	3.8	75.5	.868	.85	80.6	81.2	„	0.2					
7 „	.725	.848	80.0	77.0	3.0	75.8	.877	.88	79.9	81.2	„	0·1					
8 „	.738	.844	79.6	77.2	2.4	76.4	.894	.90	79.0	81.1	SW	0.2					
9 „	.759	.865	79.6	77.2	2.4	76.4	.894	.90	78.9	81.0	SW b S	0.0					
10 „	.765	.881	79.4	77.0	2.4	76.1	.884	.90	78.5	81.0	„	0.2					
11 „	.765	.877	79.0	77.0	2.0	76.2	.888	.92	78.1	81.0	SW	0.1					
Sept. 5th-Midnight	.772	.890	79.5	77.0	2.5	76.0	.882	.90	80.1	81.5	SW b W	0.2					
1 a. m.	.759	.838	79.6	78.0	1.6	77.4	.921	.93	80·2	81.5	„	0.2					
2 „	.740	.852	79.0	77.0	2.0	76.2	.888	.91	80.0	81.6	SSW	0.1					
3 „	.716	.828	79.0	77.0	2.0	76.2	.888	.91	80.0	81·5	S b W	0.0					
4 „	.710	.822	79.0	77.0	2.0	76.2	.888	.91	80.0	81.5	SSW	0.2					
5 „	.729	.856	78.6	76.5	2.1	75.7	.873	.91	79.3	81.4	S b W	0.3		None.	None.	None.	None.
6 „	.738	.858	78.7	76.7	2.0	75.9	.880	.92	79.0	81.2	„	0.2					
7 „	.746	.858	79.0	77.0	2.0	76.2	.888	.92	79·8	81.2	„	0.2					
8 „	.768	.871	81.8	78.0	3.8	76·5	.897	.85	80.4	81.3	S b E	0.1					
9 „	.781	.854	83.3	79.1	4.2	77.6	.927	.83	81.8	81.4	S	0.2					
10 „	.781	.828	82.5	79.5	3.0	78.4	.953	.88	81.8	81.4	S b E	0.2	0.01				
11 „	.775	.832	84.5	79.8	4.7	78.1	.943	.82	82.8	81.6	SSW	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌒i cirri; ⌒i cirro-cumuli; ⌒i cumuli; ⌒i cirro-strati; ⌒i cumulo-strati; and ⌒i nimbi.	
6	C	At the time of observation extent of clouds was not much; but at 0h. 15m. it was overcast and rain began to fall at 0h. 27m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°2 and 83°9. Daily fall of rain by Osler's Guage 1·66 in. Lowest reading of air thermometer during the month occurred at 8 and 10 P. M.
8	V	Overcast; raining at intervals.	
8	V	" "	
8	V	" "	
8	V	" "	
8	G	Overcast; no rain.	
8	G	Overcast; hazy.	
8	G	Overcast; drops of rain at 7h. 50m.	
8	G	Overcast; lightly raining.	
8	C	Overcast; raining.	
8	C	" "	
8	C	Overcast; no rain.	
8	C	Overcast; raining from 0h. 5m.	
8	V	Overcast; raining.	
8	V	" "	
8	V	" "	
8	V	" "	
8	G	Overcast; raining; rain ceased at 5h. 32m.	
8	G	"	
8	G	Overcast; light rain commenced at 7h. 17m.	
8	G	Overcast; lightly raining.	
8	C	" "	
8	C	" "	
8	C	" "	
8	C	Overcast; raining till 0h. 13m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°6 and 84°0. Daily fall of rain by Osler's Gauge 0·13 in.
8	V	"	
8	V	"	
8	V	Overcast; drizzling from full hour for about 10m.	
8	V	" " "	
7	G	⌒i, ⌒i and ⌒i scattered throughout.	
6	G	" "	
7	G	" "	
8	G	Overcast; ⌒i and large masses of ⌒i.	
8	C	Overcast; shower of rain at 9h. 28m. lasted 9m.	
8	C	"	
7	C	Overcast; ⌒i and ⌒i.	
8	C	" "	
8	V	" "	
8	V	" "	
8	V	" "	
8	V	" "	
8	G	" "	
8	G	" "	
8	G	Overcast; ⌒i and ⌒i; a few stars dimly visible.	
8	G	" " "	
8	C	Overcast; drops of rain at the time of observation.	
8	C	Overcast.	
8	C	"	
5	C	⌒i scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°0 and 83°8. Daily fall of rain by Osler's Gauge 0·3 in.
7	V	⌒i scattered throughout moving NE.	
7	V	" "	
7	V	" "	
7	V	" "	
8	G	" "	
8	G	Overcast; small breaks here and there; double Rainbow in W observed at 6h. 42m.	
8	G	Overcast; Rainbow still appearing; slight rain at 7h. 10m.	
8	G	"	
6	C	⌒i, ⌒i and ⌒i scattered throughout; slight rain at 9h. 46m. lasted about 6m.	
8	C	Overcast; ⌒i and ⌒i.	
8	C	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Strawser Volta 1.	Electrical Instruments. Readings of Strawser Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 5th-Noon.	29.762	28.825	85°8	80°0	5°8	77°9	0.937	0.78	83.3	81°7	SW	0.1					
1 p. m.	.730	.774	86.0	80.5	5.5	78.5	.956	.79	83·8	81.8	„	0.1					
2 „	.709	.779	86.5	80.0	6.5	77.7	.930	.76	84.0	81.9	„	0.1					
3 „	.690	.723	87.0	81.0	6.0	78.9	.967	.77	84°5	82.0	SW b S	0.2					
4 „	.678	.743	86.0	80.0	6.0	77.8	.935	.77	84.5	82.0	„	0.1					
5 „	.673	.761	84.3	79.0	5.3	77.0	.912	.80	84.0	82.1	„	0.2	None.	None.	None.	None.	
6 „	.693	.815	81.8	77.5	4.3	75.9	.878	.83	82.6	82.2	SW	0.1					
7 „	.705	.816	80.8	77.5	3.3	76.3	.889	.87	81.2	82.2	„	0.4					
8 „	.729	.812	80.0	78.0	2.0	77·2	.917	.92	80.5	82.1	WSW	0.2					
9 „	.756	.863	80.4	77.5	2.9	76.3	.893	.88	80.7	82.1	„	0.1					
10 „	.756	.879	80.0	77.0	3.0	75.8	.877	.88	80.6	82.0	SW b W	0.1					
11 „	.743	.866	80.0	77.0	3.0	75.8	.877	.88	80.5	82.0	„	0.2					
Sept. 6th-Midnight	.733	.856	80.0	77.0	3.0	75.8	.877	.88	80.4	82.0	SW	0.2					
1 a. m.	.719	.898	78.0	75.0	3.0	73.8	.821	.87	79.8	82.0	SW b S	0.2	0.17				
2 „	.704	.844	78.0	76.0	2.0	75.2	.860	.91	79.8	82.0	SW	0.1	0.01				
3 „	.700	.846	78·5	76.0	2.5	75.0	.854	.90	79.9	82.1	SW b S	0.1					
4 „	.690	.830	78.0	76.0	2·0	75.2	.860	.91	79.0	81.8	W b S	0.1	0.01				
5 „	.696	.871	78.4	75.2	3.2	73.9	.825	.87	79.0	81.7	SW	0.4					
6 „	.704	.841	76.7	76.0	0.7	74.9	.863	.97	79.0	81.6	SW b W	0.2					
7 „	.726	.833	78.5	77.0	1.5	76.4	.893	.94	79.2	81.5	SSW	0.1	0.02				
8 „	.736	.819	80.0	78.0	2.0	77.2	.917	.92	80.0	81.4	„	0.2					
9 „	.756	.833	81·8	78.6	3.2	77.4	.923	.87	81.0	81.5	W b S	0.2					
10 „	.755	.829	83.0	79.0	4.0	77.5	.926	.84	81.8	81.7	„	0.2					
11 „	.753	.808	84.0	79.7	4.3	78.2	.945	.83	82.4	81.9	„	0.2		None.	None.	None.	
Noon.	.738	.792	85.0	80.0	5.0	78.2	.946	.81	83.0	82.0	„	0.3					
1 p. m.	.710	.732	86.0	81.0	5·0	79.3	.978	.80	83.5	82.0	W	0.2					
2 „	.691	.759	86.3	80.0	6.3	77.7	.932	.76	84.0	82.0	W b S	0.3					
3 „	.672	.778	85.9	79.0	6.9	76.4	.894	.74	83.8	82.0	„	0.4					
4 „	.663	.779	83.0	78.0	5·0	76.1	.884	.80	83.0	82.0	W	0·1					
5 „	.667	.755	82.8	78.6	4.2	77.0	.912	.83	82.6	82.1	„	0.2					
6 „	.691	.780	81.3	78.3	3.0	77.0	.911	.87	81.7	82.0	„	0.1					
7 „	.716	.847	80.7	77.0	3.7	75.5	.869	.85	81.0	82.0	„	0.2					
8 „	.714	.837	80.0	77.0	3.0	75.8	.877	.88	80.6	82.0	„	0.0					
9 „	.730	.846	79·4	77.0	2.4	76.1	.884	.90	80.3	82.0	„	0.0					
10 „	.741	.859	78.8	76.8	2.0	76.0	.882	.92	80.0	82.0	„	0.0					
11 „	.731	.843	79.0	77.0	2.0	76.2	.888	.92	80.0	81.9	„	0.0					
Sept. 7th-Midnight	.725	.837	79.0	77.0	2.0	76.2	.888	·92	80.0	81.9	W	0.1					
1 a. m.	.710	.822	79.0	77.0	2.0	76.2	.888	.92	79.8	81.8	SW b S	0.4					
2 „	.694	.840	78.5	76·0	2.5	75.0	.854	.90	79.8	81·8	SSW	0.1					
3 „	.686	.834	78.7	76.0	2.7	74.9	.852	.90	79.7	81·8	„	0.1					
4 „	.685	.786	78.0	77.0	1.0	76.6	.899	.95	79.0	81·7	W b S	0.2	0.07				
5 „	.702	.835	77.4	76.0	1.4	75.5	.867	.94	78.4	81.6	SW b S	0.1					
6 „	.717	.844	76.8	76.0	0.8	75.7	.873	.97	78.0	81.5	W b S	0.2	0.02				
7 „	.737	.860	78.2	76.5	1.7	75.8	.877	.93	78.5	81.4	„	0.1					
8 „	.752	.864	79.0	77.0	2.0	76.2	.888	.92	79.0	81.3	„	0.1					
9 „	.768	.864	79.0	77.4	1.6	76.8	.904	.93	79.7	81.4	SW	0·2	0.04				
10 „	.767	.870	80.0	77.5	2.5	76.5	.897	.90	80.1	81.5	W	0.1					
11 „	.759	.896	79.5	76.5	3.0	75.3	.863	.88	80.1	81.6	W b S	0.3					
Noon.	.741	.877	79.0	76.4	2.6	75.4	.864	.89	79.8	81.6	WSW	0.3		None.	None.	None.	
1 p. m.	.712	.833	79.8	77.0	2.8	75.9	.879	.88	80.0	81.5	SW b S	0.2	0.01				
2 „	.683	.805	79.9	77.0	2.9	75.9	.878	.88	80.0	81.5	NW b W	0.5					
3 „	.670	.759	80.5	78.0	2.5	77.0	.911	.90	80.3	81.5	W b N	0.3					
4 „	.659	.793	81.0	77.0	4.0	75.4	.866	.84	81.0	81.7	WNW	0·4					
5 „	.668	.767	82.2	78.2	4.0	76.7	.901	.84	81.4	81·8	„	0.3					
6 „	.692	.824	80.8	77.0	3.8	75.5	.868	.85	80.8	81.8	„	0.2					
7 „	.697	.820	80.0	77.0	3.0	75.8	.877	.88	80.1	81.7	„	0.3					
8 „	.723	.883	79.8	76.0	3.8	74.5	.840	.85	80.0	81.7	„	0.0					
9 „	.743	.907	79.4	75.8	3.6	74.3	.836	.85	80.0	81.7	W b N	0·1					
10 „	.745	.896	79.0	76.0	3.0	74.8	.849	.88	79.7	81.6	„	0.1					
11 „	.744	.899	78.3	75.7	2.6	74.5	.845	.89	79.3	81·6	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇i cirri; ⌇i cirro-cumuli; ⌒i cumuli; ⌣i cirro-strati; ⌒⌣i cumulo-strati; and ⌇⌣i nimbi.	
7	C	Overcast; ⌇i and ⌇⌣i.	
7	V	⌇i, ⌇i and ⌇⌣i scattered throughout.	
7	V	" "	
5	V	" "	
6	V	⌣i and ⌇⌣i throughout; slight rain at 4h. 46m.; partial Rainbow in E.	
7	G	⌣i and ⌇⌣i throughout; drops of rain at the time of observation.	
8	G	Overcast; ⌇i and ⌇⌣i; drops of rain at 6h. 14m.	
6	G	⌇i throughout the sky; ⌇⌣i around hor.	
7	G	⌇i and ⌇⌣i scattered throughout; the latter moving E.	
6	C	" " "	
5	C	" " "	
5	C	⌇i and ⌇⌣i scattered throughout; the latter moving E.; drops of rain at 11h. 29m.	
8	C	Overcast; some stars visible here and there; shower of rain at 0h. 45m. lasted 0h. 55m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 83°9. Daily fall of rain by Osler's Gauge 0·21 in.
8	V	Overcast; slight rain till 1h. 15m.	
6	V	⌇⌣i scattered around hor.	
6	V	⌇⌣i scattered around hor.; passing rain at 3h. 55m.	
8	V	Overcast; a few stars dimly visible.	
8	G	Overcast; a few stars dimly visible; drops of rain after 5h. 52m.	
7	G	⌣i and ⌇⌣i throughout; light rain between 6h. 40m. and 6h. 47m.	
7	G	" "	
7	G	" "	
6	C	" "	
5	C	⌇i and ⌇⌣i scattered about the hor.	
4	C	" "	
4	C	⌇i, ⌇i and ⌇⌣i scattered about; mist in W hor.	
6	V	⌇⌣i and ⌇i scattered about; mist in W hor.	
7	V	⌇⌣i scattered throughout moving E.	
8	V	Overcast; ⌇i and ⌇⌣i.	
8	V	" "	
7	G	⌇⌣i scattered around hor. and ⌇i about the zenith.	
8	G	⌇i and ⌇⌣i scattered throughout.	
8	G	Overcast; ⌇i and ⌇⌣i; a few stars and the moon dimly visible.	
8	G	" " "	
7	C	" " "	
8	C	" " "	
8	C	Overcast; slight rain at 11h. 17m.	
8	C	Overcast; principal stars dimly visible.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 84°0. Daily fall of rain by Osler's Gauge 0·10 in. Reading of barometer corrected for temperature at 4 P. M. was 29·659 in., lowest in the month, which was about 0·046 in. lower than the normal mean.
6	V	⌇⌣i scattered around the hor.	
6	V	" "	
7	V	Nearly overcast; light rain at 3h. 12m. lasted 10m.	
5	V	⌇⌣i scattered around hor.	
8	G	Overcast with ⌇⌣i moving E; drops of rain at 5h. 13m., light shower of rain at 5h. 36m, lasted 9m.	
8	G	Overcast; ⌣i and ⌇⌣i.	
8	G	" "	
8	G	Overcast; ⌣i and ⌇⌣i; light rain.	
8	C	"	
8	C	"	
8	C	Overcast; ⌣i and ⌇⌣i; small drops of rain falling from full hour.	
8	C	Overcast; light rain till 0h. 25m.	
8	V	Overcast; slight rain.	
8	V	" "	
8	V	Overcast; drops of rain at 3h. 22m.	
8	V	"	
8	G	Overcast; ⌇i, ⌣i and ⌇⌣i.	
8	G	Overcast; ⌇i, ⌣i, ⌇i and ⌇⌣i.	
4	G	⌇⌣i around the hor.; ⌇i about the zenith.	
8	G	⌇i and large masses of ⌇⌣i scattered throughout; the moon and a few stars dimly visible.	
8	C	" " " "	
6	C	⌇⌣i scattered throughout moving E.	
5	C	" "	

Bombay Civil Time, 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newmann's Gauge.	Electrical Instruments. Sign of Electricity + or −.	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds during the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 8th-Midnight	29.738	28.882	78°4	76°0	2°4	75°1	0.856	0.90	79°1	81°5	W b N	0.1					
1 a. m.	.719	.898	78.0	75.0	3.0	73.8	.821	.87	79.2	81.5	W b S	0.1					
2 „	.712	.891	78.0	75.0	3.0	73.8	.321	.87	79.0	81.5	„	0.2					
3 „	.702	.881	78.0	75.0	3.0	73.8	.321	.87	79.0	81.5	„	0.2					
4 „	.700	.879	78.0	75.0	3.0	73.8	.321	.87	79.0	81.5	„	0.2					
5 „	.711	.844	77.4	76.0	1.4	75.5	.367	.94	78.5	81.2	„	0.1					
6 „	.733	.850	77.7	76.5	1.2	76.0	.383	.95	78.5	81.1	WSW	0.1	0.03				
7 „	.757	.885	79.7	76.8	2.9	75.6	.372	.88	79.0	81.0	„	0.1					
8 „	.773	.873	81.5	78.0	3.5	76.6	.900	.86	80.1	81.0	„	0.1					
9 „	.793	.909	83.0	78.0	5.0	76.1	.884	.80	81.4	81.1	„	0.1					
10 „	.795	.893	84.1	78.6	5.5	76.5	.897	.79	82.0	81.2	„	0.1					
11 „	.793	.891	85.2	79.0	6.2	76.7	.902	.76	83.1	81.4	„	0.1					
Noon.	.778	.888	86.3	79.0	7.3	76.3	.890	.73	83.4	81.6	„	0.2		None.	None.	None.	None.
1 p. m.	.757	.873	86.8	79.0	7.8	76.1	.884	.71	83.6	81.7	W	0.2					
2 „	.724	.842	87.0	79.0	8.0	76.0	.882	.70	84.5	81.8	„	0.2					
3 „	.709	.848	85.1	78.0	7.1	75.3	.861	.73	83.8	81.9	W b N	0.3					
4 „	.704	.830	82.0	77.5	4.5	75.7	.874	.82	82.0	81.9	W b S	0.2	0.01				
5 „	.717	.818	83.5	78.5	5.0	76.6	.899	.81	82.4	81.9	W	0.3					
6 „	.733	.840	82.2	78.0	4.2	76.4	.893	.84	82.0	81.9	„	0.2					
7 „	.747	.872	80.9	77.2	3.7	75.8	.875	.85	81.2	82.0	„	0.0					
8 „	.757	.871	80.3	77.3	3.0	76.1	.886	.88	81.7	82.0	„	0.0					
9 „	.765	.898	79.9	76.7	3.2	75.5	.867	.87	80.5	82.0	„	0.1					
10 „	.767	.900	79.9	76.7	3.2	75.5	.867	.87	80.4	81.9	„	0.1					
11 „	.763	.896	79.9	76.7	3.2	75.5	.867	.87	80.3	81.8	„	0.1					
Sept. 9th-Midnight	.757	.906	79.6	76.2	3.4	74.9	.851	.86	80.2	81.8	W	0.1					
1 a. m.	.741	.931	79.0	75.0	4.0	73.3	.810	.83	80.0	81.8	W b S	0.1					
2 „	.734	.928	78.6	74.8	3.8	73.2	.806	.84	79.8	81.8	„	0.0					
3 „	.720	.886	78.8	75.0	3.8	74.3	.834	.84	79.7	81.7	„	0.0					
4 „	.720	.886	78.8	75.0	3.8	74.3	.834	.84	79.5	81.6	„	0.2					
5 „	.738	.904	78.8	75.0	3.8	74.3	.834	.84	79.0	81.5	„	0.1					
6 „	.750	.865	78.5	76.8	1.7	76.1	.885	.93	79.0	81.4	„	0.2					
7 „	.764	.872	80.5	77.5	3.0	76.4	.892	.88	79.8	81.4	„	0.1					
8 „	.788	.889	82.4	78.2	4.2	76.6	.899	.83	80.9	81.5	„	0.2					
9 „	.808	.911	83.8	78.5	5.3	76.5	.897	.80	82.0	81.6	„	0.1					
10 „	.813	.926	84.7	78.5	6.2	76.2	.887	.76	82.6	81.7	„	0.1					
11 „	.807	.914	86.0	79.0	7.0	76.4	.893	.74	83.4	81.9	„	0.2					
Noon.	.786	.857	86.5	80.0	6.5	77.6	.929	.76	83.7	82.0	„	0.3	None.	None.	None.	None.	None.
1 p. m.	.750	.783	87.0	81.0	6.0	78.9	.967	.77	84.2	82.0	„	0.3					
2 „	.726	.808	87.5	80.0	7.5	77.3	.918	.73	85.0	82.2	„	0.3					
3 „	.720	.833	86.5	79.0	7.5	76.2	.887	.72	84.3	82.3	„	0.4					
4 „	.710	.834	86.8	78.8	8.0	75.8	.876	.70	84.5	82.3	W	0.4					
5 „	.722	.825	85.6	79.0	6.6	76.5	.897	.75	83.3	82.3	„	0.2					
6 „	.729	.874	82.7	77.2	5.5	75.0	.855	.79	82.7	82.3	„	0.1					
7 „	.740	.867	81.5	77.3	4.2	75.7	.873	.83	82.0	82.4	„	0.2					
8 „	.759	.893	81.0	77.0	4.0	75.4	.866	.84	81.6	82.4	„	0.1					
9 „	.777	.922	81.0	76.7	4.3	75.0	.855	.83	81.5	82.3	„	0.2					
10 „	.781	.935	81.0	76.5	4.5	74.7	.846	.82	81.1	82.3	„	0.2					
11 „	.771	.920	80.6	76.5	4.1	74.9	.851	.84	81.1	82.2	„	0.2					
Sept. 10th-Midnight	.760	.918	80.4	76.2	4.2	74.6	.842	.83	81.0	82.2	W	0.1					
1 a. m.	.736	.898	80.0	76.0	4.0	74.4	.838	.84	81.0	82.2	„	0.3					
2 „	.722	.840	79.5	77.0	2.5	76.0	.882	.89	80.5	82.1	W b S	0.3					
3 „	.708	.826	79.5	77.0	2.5	76.0	.882	.89	80.0	82.0	WSW	0.0					
4 „	.710	.803	77.3	77.0	0.3	76.9	.907	.98	79.0	81.9	„	0.2	0.05				
5 „	.720	.843	78.2	76.5	1.7	75.8	.877	.93	79.0	81.8	„	0.1		None.	None.	None.	None.
6 „	.738	.865	78.6	76.5	2.1	75.7	.873	.91	79.0	81.7	„	0.2					
7 „	.755	.892	79.5	76.5	3.0	75.3	.863	.88	79.7	81.7	„	0.1					
8 „	.778	.908	80.6	77.0	3.6	75.6	.870	.85	80.3	81.6	„	0.2	0.01				
9 „	.798	.901	81.1	77.8	3.3	76.5	.897	.87	80.5	81.6	SW b W	0.2	0.10				
10 „	.796	.900	83.4	78.4	5.0	76.5	.896	.80	81.7	81.8	„	0.1					
11 „	.791	.887	85.0	79.0	6.0	76.8	.904	.77	82.7	81.9	„	0.2					

Amount of Clouds, 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cci cirro-cumuli; Cu cumuli; Cs cirro-strati; Cu-s cumulo-strati; and N nimbi.	
5	C	Ci and Cci scattered about; the latter moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 84°0. Daily fall of rain by Osler's Gauge 0·03 in.
5	V	" " "	
4	V	" " "	
5	V	" " "	
5	V	Cci scattered around hor.; light breezes from E.	
6	G	Cci and Cci scattered throughout; shower of rain at 5h. 43m. lasted about 5m.	
6	G	" "	
8	G	Overcast; Cci and Cci.	
7	G	Ci, Cci and Cci throughout; hazy.	
6	C	" "	
6	C	" "	
7	C	" "	
7	C	" "	
7	K	Cs in the SW; Cci and Cci scattered about; hazy.	
6	V	" " "	
8	V	Overcast; light rain from 3h. 30m. to 3h. 41m.	
8	V	"	
6	G	Large masses of Cci scattered throughout moving E.	
7	G	Ci and Cci scattered throughout.	
5	G	" "	
5	G	" "	
7	C	Cci scattered throughout.	
7	C	" "	
7	C	" "	
6	C	Cci about the zenith; Cci scattered throughout.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 84°0.
5	V	Cci scattered around hor.	
5	V	" "	
5	V	" "	
5	V	" "	
3	G	" "	
5	G	" "	
6	G	Cci and Cci scattered throughout; hazy.	
6	G	" "	
6	C	" "	
7	C	" "	
6	C	" "	
6	C	" "	
7	V	Cci scattered throughout; mist in W.	
5	V	" "	
8	V	Overcast; Cci and Cci; mist.	
8	V	" "	
8	G	" "	
7	G	Ci and Cs scattered about; large masses of Cci passing from W to E.	
4	G	Cs and Cci scattered about.	
5	G	" "	
8	C	Overcast with Cci moving E.	
8	C	Overcast with Cci moving E; a few stars about the zenith visible.	
7	C	Overcast with Cci moving E; small breaks here and there.	
7	C	Nearly overcast; Cci moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°8. Daily fall of rain by Osler's Gauge 0·17 in.
5	V	Cci scattered around the hor.	
5	V	" "	
7	V	Cci scattered throughout; a shower of rain with fresh breezes of wind commenced at 3h. 40m. lasted 5m.	
8	V	Overcast with Cci moving E.	
8	G	" "	
8	G	Overcast with Cci moving E; thin drops of rain at the time of observation.	
8	G	Overcast; light rain from full hour till 7h. 24m.	
8	G	Overcast; shower of rain at 8h. 9m. lasted 8m.	
7	C	Cci and Cci scattered throughout.	
8	C	Overcast; Ci, Cci and Cci.	
8	C	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time between the recovering sense and the cessation after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 10th–Noon.	29.775	28.872	85°1	79°0	6°1	77°6	0.903	0.77	83°1	82°0	SW b W	0.3					
1 p. m.	.742	.856	86.5	79.0	7.5	78.9	.886	.72	84.0	82.3	„	0.4					
2 „	.730	.846	86.8	79.0	7.8	77.3	.884	.71	84.3	82.4	W	0.4					
3 „	.724	.844	87.2	79.0	8.2	76.2	.880	.70	84.6	82.5	W b S	0.4					
4 „	.726	.831	85.8	79.0	6.8	75.8	.895	.75	84.0	82.4	„	0.2					
5 „	.732	.823	83.8	78.8	5.0	76.5	.909	.80	83.5	82.4	W	0.3		None.	None.	None.	
6 „	.755	.920	82.0	76.5	5.5	75.0	.835	.78	82.3	82.3	„	0.4					
7 „	.776	.916	81.5	77.0	4.5	75.7	.860	.82	81.5	82.3	„	0.4					
8 „	.791	.969	81.5	76.0	5.5	75.4	.822	.78	81.5	82.3	„	0.2					
9 „	.797	.970	81.0	76.0	5.0	75.0	.827	.80	81.0	82.2	„	0.0					
10 „	.803	.971	80.5	76.0	4.5	74.7	.832	.82	82.0	82.3	„	0.2					
11 „	.790	.952	80.0	76.0	4.0	74.9	.838	.83	81.0	82.2	„	0.2					
Sept. 12th–Midnight	.827	.974	79.4	76.2	3.2	75.0	.853	.87	80.3	82.3	W b S	0.1					
1 a. m.	.814	.960	78.5	76.0	2.5	75.0	.854	.90	80.0	82.2	„	0.0	0.03				
2 „	.798	.977	78.0	75.0	3.0	73.8	.821	.87	79.8	82.1	„	0.0					
3 „	.783	.929	78.5	76.0	2.5	75.0	.854	.90	79.5	82.0	WSW	0.1					
4 „	.783	.962	78.0	75.0	3.0	73.8	.821	.87	79.0	81.9	W b S	0.2					
5 „	.797	.929	77.3	76.0	1.3	75.5	.868	.94	78.6	81.8	„	0.2					
6 „	.810	29.000	77.8	75.8	2.0	73.3	.810	.92	78.6	81.7	„	0.1					
7 „	.828	28.955	78.6	76.5	2.1	75.7	.873	.91	79.5	81.6	W	0.1					
8 „	.851	.959	80.5	77.5	3.0	76.4	.892	.88	80.4	81.6	„	0.2					
9 „	.871	29.020	82.4	77.0	5.4	74.9	.851	.79	81.3	81.7	„	0.3					
10 „	.869	28.992	83.6	78.0	5.6	75.8	.877	.78	82.0	81.8	WNW	0.1					
11 „	.866	.988	84.7	78.3	6.4	75.9	.878	.76	82.8	81.9	„	0.1		None.	None.	None.	
Noon.	.846	.990	85.5	78.0	7.5	75.1	.856	.72	83.3	82.1	„	0.2					
1 p. m.	.828	29.078	81.0	74.0	7.0	71.0	.750	.73	80.5	82.3	W	0.5	0.50				
2 „	805	28.886	83.6	79.0	4.6	77.3	.919	.82	82.0	82.2	„	0.2	0.37				
3 „	.795	29.007	81.0	75.0	6.0	72.5	.788	.76	81.5	82.0	WSW	0.3					
4 „	.794	28.978	82.0	76.0	6.0	73.6	.816	.76	81.5	82.0	W b S	0.3					
5 „	.806	.844	81.4	77.0	4.4	75.3	.862	.82	81.0	82.0	W	0.2					
6 „	.813	.973	79.8	76.0	3.8	74.5	.840	.85	80.7	82.0	W b S	0.1					
7 „	.825	.985	79.8	76.0	3.8	74.5	.840	.85	80.2	82.0	„	0.1					
8 „	.831	.951	79.7	77.0	2.7	75.9	.880	.89	80.0	82.0	„	0.1					
9 „	.839	.993	79.3	76.0	3.3	74.7	.846	.86	80.0	82.0	W	0.1					
10 „	.837	.990	79.2	76.0	3.2	74.7	.847	.87	80.0	82.0	„	0.1					
11 „	.824	.977	79.2	76.0	3.2	74.7	.847	.87	79.9	81.9	„	0.1					
Sept. 13th–Midnight	.814	.965	79.0	76.0	3.0	74.8	.849	.88	79.8	81.9	W	0.1					
1 a. m.	.790	29.022	76.0	73.0	3.0	71.7	.768	.87	78.0	81.7	WNW	0.2	0.18				
2 „	.782	28.982	76.5	74.0	2.5	73.0	.800	.89	78.4	81.6	„	0.0					
3 „	.774	.980	77.0	74.0	3.0	72.8	.794	.87	78.0	81.6	W b N	0.2					
4 „	.776	.982	77.0	74.0	3.0	72.8	.794	.87	78.0	81.5	„	0.2					
5 „	.785	.946	77.4	75.3	2.1	74.4	.839	.91	77.9	81.4	„	0.1					
6 „	.802	.960	77.9	75.5	2.4	74.6	.842	.90	78.0	81.4	„	0.2					
7 „	.823	.978	79.4	76.0	3.4	74.7	.845	.86	79.6	81.4	„	0.1					
8 „	.836	29.025	80.7	75.5	5.2	73.4	.811	.79	80.0	81.5	„	0.2					
9 „	.862	.008	83.0	77.0	6.0	74.6	.844	.77	81.2	81.6	„	0.1					
10 „	.853	28.983	84.3	78.0	6.3	75.6	.870	.76	82.0	81.7	W	0.1					
11 „	.845	.979	85.4	78.2	7.2	75.4	.866	.73	82.8	81.7	„	0.1					
Noon.	.822	.945	80.0	77.0	3.0	75.8	.877	.88	80.3	81.7	„	0.2	0.48	None.	None.	None.	None.
1 p. m.	.791	.896	82.0	78.0	4.0	76.5	.895	.84	81.0	81.7	„	0.1					
2 „	.775	.871	85.0	79.0	6.0	76.8	.904	.77	83.0	81.8	„	0.2					
3 „	.754	.921	84.0	77.0	7.0	74.2	.833	.73	82.5	81.8	SW b W	0.2					
4 „	.754	.921	84.0	77.0	7.0	74.2	.833	.73	82.5	81.9	W	0.3					
5 „	.762	.877	82.9	78.0	4.9	76.1	.885	.81	81.4	81.9	WNW	0.2					
6 „	.767	.899	80.8	77.0	3.8	75.5	.868	.85	80.0	81.8	W b S	0.1					
7 „	.778	.893	78.5	76.8	1.7	76.1	.885	.95	79.6	81.8	„	0.1					
8 „	.791	.931	78.0	76.0	2.0	75.2	.860	.92	79.1	81.8	„	0.1					
9 „	.808	.968	78.0	75.5	2.5	74.5	.840	.89	79.1	81.7	WNW	0.1	0.07				
10 „	.806	.966	77.3	75.3	2.0	74.5	.840	.91	78.8	81.6	WSW	0.1					
11 „	.796	.970	77.5	75.0	2.5	74.0	.826	.89	78.8	81.5	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: Ni cirri; Mi cirro-cumuli; Ci cumuli; Li cirro-strati; Cli cumulo-strati; and Nli nimbi.	Remarks.
8	C	Overcast; Ni, Mi and Cli.	
6	V	Cli scattered about the sky.	
8	V	Overcast; Mi and Cli.	
6	V	Mi and Cli scattered about.	
7	V	" "	
8	V	Overcast; Mi and Cli.	
6	V	Ni and Mi scattered about; large masses of Cli passing occasionally.	
8	V	Overcast; Li and Cli.	
8	V	" "	
8	V	" "	
7	V	Ni and large masses of Cli scattered throughout.	
8	V	Overcast; Nli, Ni and Cli.	
8	C	Overcast; the moon and a few stars visible at times; passing light rain at 0h. 35m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°8 and 84°3. Daily fall of rain by Osler's Gauge 0·84 in. Temperature of calculated dew-point at 1 P. M. was 71°0, lowest in the month and about 5°1 lower than the normal mean.
6	V	Cli scattered throughout moving E.	
6	V	" " "	
7	V	Cli scattered throughout moving E; drops of rain at 3h. 11m.	
6	V	Cli scattered around hor.	
7	G	Mi and Cli throughout.	
8	G	Overcast; Li and Cli.	
8	G	" "	
8	G	" "	
8	C	" "	
8	C	" "	
7	C	Ni and Cli scattered throughout; Mi about the zenith.	
8	C	Overcast; Ni and Cli; heavy shower of rain commenced at 0h. 50m.	
8	V	Overcast; raining heavily till 1h. 20m.	
8	V	" "	
8	V	Overcast; drops of rain at the time of observation.	
8	V	"	
8	G	"	
8	G	Overcast; Ni and Cli; halo round the moon.	
8	G	Overcast; Ni and Cli; large dark masses of Cli passing from W to E.	
7	G	D Ni scattered throughout; Cli around the hor.	
6	C	Ni and Cli scattered about; drops of rain at 9h. 30m.	
6	C	" "	
7	C	Ni and Cli scattered about; drops of rain at the time of observation.	
8	C	Overcast; heavy shower of rain with strong wind commenced at 0h. 55m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°8. Daily fall of rain by Osler's Gauge 0·64 in.
8	V	Overcast; rain continued till 1h. 7m.	
8	V	Densely overcast.	
8	V	"	
7	V	"	
6	G	Mi and Cli scattered throughout.	
7	G	Overcast; Cli.	
6	G	Mi and Cli scattered throughout.	
7	G	Ni, Mi and Cli throughout.	
8	C	Overcast; light rain from full hour till 9h. 14m.	
8	C	"	
8	C	Overcast; Ni, Mi, and dark masses of Cli; shower of rain with strong wind commenced at 11h. 21m., lasted about 20m.	
8	C	Overcast; Ni, Mi and dark masses of Cli.	
8	V	" "	
6	V	Cli scattered around hor.; a few Ni and Cli in and about the zenith.	
7	V	" " " "	
8	V	Overcast with Cli moving E; thin drops of rain at the time of observation.	
8	G	Overcast; D Cli.	
8	G	" "	
8	G	Overcast; D Cli; the moon dimly visible through the clouds.	
6	G	Ni scattered throughout; Cli around the hor.; halo round the moon; shower of rain with strong wind at 8h. 41m.	
8	C	Overcast; Ni and Cli.	
8	C	" "	
8	C	Overcast; Ni and Cli; some principal stars and the moon dimly visible at times.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws on Volta 1.	Electrical Instruments. Readings of Straws on Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 14th-Midnight	29.783	29.008	76°4	73°3	3°1	72°0	0.775	0.87	78°4	81°4	W b S	0.1					
1 a. m.	.762	28.963	76.5	74.0	2.5	73.0	.799	.89	78.3	81.4	,,	0.0					
2 ,,	.741	.909	77.0	75.0	2.0	74·2	.832	.91	78.0	81.3	,,	0.0					
3 ,,	.740	.914	77.5	75.0	2.5	74.0	.826	.89	78.0	81.3	SSW	0.2					
4 ,,	.736	.904	77.0	75.0	2.0	74.2	.832	.91	78.0	81.2	,,	0.3					
5 ,,	.752	.919	76.9	75.0	1.9	74.2	.833	.92	77.1	81.1	SSE	0.2					
6 ,,	.764	.921	76.7	75.2	1.5	74.6	.843	.94	77.0	81.0	,,	0.1					
7 ,,	.792	.945	77.4	75.5	1.9	74.7	.847	.92	77.6	81.0	,,	0.1					
8 ,,	.804	.955	79.0	76.0	3.0	74.8	.849	.88	78.5	81.0	,,	0.1	0.01				
9 ,,	.823	.959	79.8	76.6	3.2	75.4	.864	.87	79.6	81.0	,,	0.2					
10 ,,	.819	.933	82.8	78.0	4.8	76.1	.886	.81	81.0	81.1	SSW	0.2		None.	None.	None.	None.
11 ,,	.809	.958	82.4	77.0	5.4	74.9	.851	.79	81.0	81.2	,,	0.3					
Noon.	.785	.936	81.8	75.5	6.3	73.0	.799	.75	81.0	81.2	WSW	0.4					
1 p. m.	.758	.986	79.0	74.0	5.0	71.8	.772	.79	80.0	81.3	WNW	0.4					
2 ,,	.744	.945	80.0	75.0	5.0	73.0	.799	.79	79.8	81.2	,,	0.3					
3 ,,	.733	.917	82.0	76.0	6.0	73.6	.816	.76	81.0	81.3	,,	0.3					
4 ,,	.728	.923	83.0	76.0	7.0	73.2	.805	.73	81.3	81.3	,,	0.2					
5 ,,	.733	.869	82.8	77.5	5.3	75·5	.867	.79	81.0	81.4	,,	0.1					
6 ,,	.748	.875	80.4	77.0	3.4	75.7	.873	.86	80.2	81.5	,,	0.1					
7 ,,	.768	.891	80.0	77.0	3.0	75.8	.877	.88	80.0	81.5	,,	0.1					
8 ,,	.786	.943	79.5	76.0	3 5	74.6	.843	.86	80.0	81.5	,,	0.2					
9 ,,	.817	29.005	78.8	75.0	3.8	73 4	.812	.84	79.4	81.4	,,	0.2					
10 ,,	.821	.005	78.4	75.0	3.4	73.6	.816	.86	79.2	81.3	,,	0.1					
11 ,,	.811	.012	77.6	74.3	3·3	73.0	.799	.86	79.0	81.2	,,	0.1					
Sept. 15th-Midnight	.802	29·004	77.3	74.2	3.1	72.9	.798	.87	78.6	81.2	WNW	0.1					
1 a. m.	.788	28.994	77.0	74.0	3.0	72.8	.794	.87	78.0	81.2	,,	0.0					
2 ,,	.772	29.015	77.0	73·0	4.0	71·3	.757	.83	78.0	81.2	,,	0.0					
3 ,,	.762	28.955	77.5	74.5	3.0	73.2	.807	.87	78.2	81.1	SW b W	0.1					
4 ,,	.762	.930	77.0	75.0	2.0	74.2	.832	.91	78.0	81.0	,,	0.1					
5 ,,	.768	.904	77.6	76.0	1.6	75.4	.864	.93	78.0	80.9	SW b S	0.2					
6 ,,	.792	.921	77.7	76.2	1.5	75.6	.871	.94	78.0	80.8	,,	0.4					
7 ,,	.817	.962	79.2	76.2	3.0	75.0	.855	.88	78.8	80.8	,,	0.2					
8 ,,	.837	29.010	81.0	76.0	5.0	74.0	.827	.80	79.7	80.8	S b E	0.4					
9 ,,	.853	28.999	82.1	77.0	5.1	75.0	.854	.80	80.7	80.9	,,	0.3					
10 ,,	.852	.967	83.3	78.1	5.2	76.1	.885	.80	81.8	81.0	,,	0.3		None.	None.	None.	None.
11 ,,	.839	.925	83.3	78.8	4.5	77.1	.914	.82	82.0	81·1	,,	0.2					
Noon.	.823	.967	85.5	78.0	7.5	75.1	.856	.72	83.0	81.3	SW	0.2					
1 p. m.	.802	.951	86.0	78.0	8.0	74.9	.851	.70	83.4	81.6	,,	0.2					
2 ,,	.782	.931	86.0	78.0	8.0	74.9	.851	.70	84.0	81.8	,,	0.1					
3 ,,	.760	.860	86.5	79.3	7.2	76.6	.900	.73	84.0	81.9	,,	0.1					
4 ,,	.750	.868	87.0	79.0	8.0	76.0	.882	.71	84.0	82.0	,,	0.2					
5 ,,	.750	.855	82.2	78.2	4.0	76.7	.901	.84	82.4	82.0	S b E	0.4					
6 ,,	.768	.879	80.8	77.5	3.3	76.3	.889	.87	80.9	81.9	,,	0.4					
7 ,,	.789	.986	79.8	77.6	2.2	76.7	.903	.91	80.4	81.8	,,	0.2					
8 ,,	.808	.918	78.8	77.0	1.8	76.3	.890	.93	80.0	81.8	,,	0.0					
9 ,,	.834	.985	79.0	76.0	3.0	74.8	.849	.88	80.0	81.7	,,	0.1					
10 ,,	.836	29.015	78.7	75.2	3.5	73.8	.821	.86	79.6	81.6	SSE	0.1					
11 ,,	.834	28.987	79.2	76.0	3.2	74.7	.847	.87	79.7	81.6	,,	0.1					
Sept. 16th-Midnight	.825	28.974	78.8	76.0	2.8	74.9	.851	.88	79.5	81.5	SSE	0.1					
1 a. m.	.801	.980	78.0	75.0	3.0	73.8	.821	.87	79.0	81.6	,,	0.2					
2 ,,	.779	.958	78.0	75.0	3·0	73.8	.821	.87	79.0	81.5	SE	0.3					
3 ,,	.769	.975	77.0	74.0	3.0	72·8	.794	.87	78.4	81.4	,,	0·2					
4 ,,	.766	.972	77.0	74.0	3.0	72.8	.794	.87	78.0	81.3	,,	0.2					
5 ,,	.774	.980	77.0	74.0	3.0	72.8	.794	.87	78.0	81.3	,,	0.4		None.	None.	None.	None.
6 ,,	.794	.941	77.2	75.6	1.6	75.0	.853	.93	77.7	81.3	,,	0.3	None.				
7 ,,	.811	.973	78.2	75.5	2.7	74.4	.838	.89	78.2	81.2	,,	0.2					
8 ,,	.836	29.025	80.7	75.5	5.2	73.4	.811	.79	79.7	81.2	,,	0.4					
9 ,,	.858	.015	81.7	76.6	5.1	74.6	.843	.80	80.9	81.3	,,	0.2					
10 ,,	.857	.004	83.3	77.3	6.0	75.0	.853	.77	81.5	81.4	,,	0.3					
11 ,,	.848	28.979	84.4	78.0	6.4	75.5	.869	.76	82.2	81.5	,,	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ∿ cirri; ∿ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩ cumulo-strati; and ∿ nimbi.	
8	C	Overcast with ∿ and ∿.	Mean daily temperature of ground 20 and 60 inches below its surface 83°0 and 83°5.
7	V	∿ scattered throughout.	
8	V	Overcast; a few stars dimly visible in E of zenith.	
8	V	" " "	
6	V	∿ scattered throughout.	
3	G	∿ scattered around the hor.	
6	G	∿ and ∿ scattered throughout.	
8	G	Overcast; D ∿ moving NE; light rain from 7h. 14m. to 7h. 20m.	
8	G	Overcast; ∿ and ⌣.	
8	C	" "	
8	C	Overcast; ∿, ∿ and ∿; haze in hor.	
8	C	" " "	
8	C	" " "	
8	V	Overcast; ∿ moving E.	
8	V	" "	
8	V	" "	
8	V	" "	
8	G	Overcast; ∿ about the zenith; ⌣ in S and SW and ∿ passing E.	
8	G	Overcast; ∿, ⌣ and ∿.	
7	G	∿ scattered throughout; ∿ around hor.; halo round the moon.	
6	G	∿ and ∿ scattered throughout.	
6	C	" "	
6	C	" "	
4	C	∿ around the hor.; ∿ about the sky.	
6	C	∿ in the SE and W of zenith; ∿ around the hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 84°0. Temperature of evaporation at 2 A. M. was 73°0, lowest in the month and about 2°5 lower than the normal mean.
6	V	" " "	
6	V	∿ scattered about the sky.	
6	V	" "	
7	V	" "	
7	G	∿ and ∿ throughout; the latter moving NE.	
6	G	∿ and ∿ throughout; ⌣ in the S.	
6	G	" " "	
5	G	∿ scattered around; ∿ about the zenith.	15th September was the 16th day on which fall of rain was less than 0·01 in.
5	C	" " "	
3	C	∿ and ∿ scattered about; a few drops of rain at 10h. 55m.	
7	C	D ∿ scattered throughout.	
7	C	" "	
8	V	" "	
8	V	" "	
6	V	∿ and ∿ scattered about; mist in E.	
6	V	∿ and ∿ scattered about; a few drops of rain at 4h. 56m.	
8	G	Overcast with ∿ moving E.	
7	G	∿ scattered throughout.	
6	G	∿ around the hor.; ∿ about the zenith and in the W.	
4	G	∿ around the hor.	
3	C	" "	
4	C	" "	
5	C	" "	
6	C	∿ scattered throughout moving N.	Mean daily temperature of ground 20 and 60 inches below its surface 83°2 and 83°5. Daily fall of rain by Osler's Gauge 0·15 in.
5	V	" "	
5	V	" "	
3	V	∿ scattered about hor.	
4	V	" "	
2	G	" "	
5	G	∿ scattered about the sky moving N.	
6	G	∿ and ∿ throughout.	
5	G	" "	
6	C	" "	
6	C	" "	
8	C	Overcast; ∿, ∿ in the N and NW and D ∿ all over the sky.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between the same degree of repulsion after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 16th-Noon.	29.833	28.964	84°4	78°0	6°4	75°5	0.869	0.76	82°4	81°6	SE b S	0.3					
1 p. m.	.803	.959	83.0	77.0	6.0	74.6	.844	.77	82.0	81.5	SSW	0.2					
2 ,,	.787	.919	85.2	78.2	7.0	75.5	.868	.73	83.0	81.6	WSW	0.1					
3 ,,	.773	.880	86.0	79.0	7.0	76.4	.893	.73	83.0	81.7	,,	0.1					
4 ,,	.765	.914	85.0	78.0	7.0	74.9	.851	.74	82.8	81.8	,,	0.1					
5 ,,	.766	.943	84.9	77.0	7.9	73.8	.823	.70	83.0	81.8	,,	0.1					
6 ,,	.774	.920	82.8	77.2	5.6	75.0	.854	.78	82.2	81.8	W b S	0.1		None.	None.	None.	
7 ,,	.788	.920	80.8	77.0	3.8	75.5	.868	.85	82.0	81.9	,,	0.1					
8 ,,	.813	29.014	80.0	75.0	5.0	73.0	.799	.80	81.5	81.9	,,	0.5					
9 ,,	.830	28.991	77.8	75.4	2.4	74.4	.839	.90	79.7	81.8	W	0.2	0.17				
10 ,,	.835	.996	77.8	75.4	2.4	74.4	.839	.90	79.5	81.8	,,	0.1					
11 ,,	.829	.971	78.2	76.0	2.2	75.1	.858	.91	79.3	81.7	,,	0.2					
Sept. 17th-Midnight	.813	.955	78.2	76.0	2.2	75.1	.858	.91	79.2	81.6	S	0.2					
1 a. m.	.797	.976	78.0	75.0	3.0	73.8	.821	.87	79.0	81.6	,,	0.1					
2 ,,	.779	.958	78.0	75.0	3.0	73.8	.821	.87	78.9	81.5	,,	0.2					
3 ,,	.776	.930	77.5	75.0	2.5	74.7	.846	.89	78.8	81.4	,,	0.3					
4 ,,	.772	.940	77.0	75.0	2.0	74.2	.832	.91	78.6	81.4	,,	0.1					
5 ,,	.775	.943	77.0	75.0	2.0	74.2	.832	.91	78.4	81.3	,,	0.2					
6 ,,	.794	.948	77.5	75.5	2.0	74.7	.846	.92	78.0	81.3	,,	0.2					
7 ,,	.819	.981	78.2	75.5	2.7	74.4	.838	.89	78.4	81.3	,,	0.1					
8 ,,	.837	29.010	81.0	76.0	5.0	74.0	.827	.80	79.7	81.4	S b E	0.2					
9 ,,	.847	28.990	82.2	77.1	5.1	75.1	.857	.80	80.8	81.4	,,	0.2					
10 ,,	.853	29.032	81.6	76.0	5.5	73.8	.821	.78	80.8	81.4	,,	0.4					
11 ,,	.849	.124	81.2	76.0	5.2	73.9	.825	.79	80.8	81.4	SSW	0.4	0.07				
Noon.	.831	28.972	83.8	77.6	6.2	75.2	.859	.76	81.9	81.5	SW	0.3		None.	None.	None.	None.
1 p. m.	.807	.938	84.4	78.0	6.4	75.5	.869	.75	82.4	81.5	W	0.1					
2 ,,	.779	.918	83.2	77.5	5.7	75.2	.861	.78	82.0	81.6	W b N	0.1					
3 ,,	.773	.865	85.4	79.2	6.2	76.9	.908	.76	83.0	81.8	,,	0.1					
4 ,,	.776	.883	86.0	79.0	7.0	76.4	.893	.74	83.2	81.8	,,	0.1					
5 ,,	.780	.910	81.4	77.4	4.0	75.6	.870	.84	81.5	81.8	,,	0.1					
6 ,,	.784	.911	80.4	77.0	3.4	75.7	.873	.86	81.0	81.9	,,	0.1					
7 ,,	.798	.960	80.0	76.0	4.0	74.4	.838	.84	80.2	81.9	,,	0.0					
8 ,,	.817	.923	79.9	77.4	2.5	76.4	.894	.90	80.0	81.8	WNW	0.0					
9 ,,	.842	.978	79.0	76.4	2.6	75.4	.864	.89	80.0	81.7	,,	0.1					
10 ,,	.842	.986	78.4	76.0	2.4	75.1	.856	.90	79.6	81.7	,,	0.1					
11 ,,	.833	.973	78.0	76.0	2.0	75.2	.860	.92	79.2	81.6	,,	0.0					
Sept. 18th-Midnight	.819	28.959	78.0	76.0	2.0	75.2	.860	.92	79.1	81.5	WNW	0.1					
1 a. m.	.800	29.006	77.0	74.0	3.0	72.8	.794	.87	79.0	81.6	,,	0.0					
2 ,,	.794	.013	76.5	73.5	3.0	72.2	.781	.87	78.0	81.5	,,	0.0					
3 ,,	.788	.006	76.4	74.0	2.4	72.2	.782	.88	78.0	81.4	,,	0.0					
4 ,,	.796	28.936	78.0	76.0	2.0	75.2	.860	.91	78.5	81.3	WSW	0.2					
5 ,,	.804	.929	77.7	76.3	1.4	75.8	.875	.94	78.0	81.2	SW b W	0.4					
6 ,,	.809	.942	78.4	76.3	2.1	75.5	.867	.91	78.2	81.2	SW b S	0.2					
7 ,,	.833	.968	78.6	76.3	2.3	75.4	.865	.91	78.8	81.2	,,	0.1					
8 ,,	.858	29.031	81.0	76.0	5.0	74.0	.827	.80	80.0	81.3	S	0.2					
9 ,,	.875	.028	82.7	77.0	5.7	74.7	.847	.78	81.0	81.4	,,	0.1					
10 ,,	.873	.020	83.7	77.4	6.3	75.0	.853	.76	82.0	81.5	,,	0.2					
11 ,,	.860	28.971	84.5	78.5	6.0	76.3	.889	.77	82.3	81.5	,,	0.2					
Noon.	.846	.946	85.4	79.0	6.4	76.6	.900	.76	83.0	81.6	,,	0.2					
1 p. m.	.816	.923	86.0	79.0	7.0	76.4	.893	.74	84.0	81.7	S b W	0.1					
2 ,,	.797	.957	87.0	78.0	9.0	74.5	.840	.67	84.2	81.8	SW	0.2	None.	None.	None.	None.	
3 ,,	.779	.977	86.8	77.0	9.8	73.0	.802	.64	84.0	82.0	W	0.2					
4 ,,	.769	.969	87.0	77.0	10.0	73.0	.800	.64	84.0	82.1	,,	0.3					
5 ,,	.773	.842	86.5	79.8	6.7	77.4	.921	.75	83.7	82.2	,,	0.2					
6 ,,	.802	.877	83.8	79.2	4.6	77.5	.925	.82	82.0	82.2	W b N	0.1					
7 ,,	.823	.930	82.2	78.0	4.2	76.4	.893	.84	81.5	82.2	,,	0.2					
8 ,,	.838	.952	81.0	77.5	3.5	76.1	.886	.86	81.0	82.1	,,	0.1					
9 ,,	.853	.953	80.8	77.8	3.0	76.6	.900	.88	80.2	82.0	,,	0.4					
10 ,,	.853	.958	80.2	77.5	2.7	76.5	.895	.89	80.0	81.9	,,	0.0					
11 ,,	.847	.952	80.2	77.5	2.7	76.5	.895	.89	80.0	81.8	,,	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇ cirri; ≋ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ⌒ cumulo-strati; and ≈ *nimbi*.	
8	C	Overcast; ⌇, ≋ in the N and NW and D ≈ all over the sky.	
8	V	Overcast with ≈, with occasional breaks.	
8	V	" " "	
6	V	⌇ in the SE, ⌣ in the S of zenith, ≋ about the zenith and ≈ throughout; partial Rainbow at 3h. 40m.	
7	V	Clouded as above, only the quantity of clouds was not certain; at times it was overcast; Rainbow still visible.	
5	G	≈ scattered throughout; fine blue sky visible through the breaks in the clouds.	
6	G	≈ throughout moving E; ≋ in the SE.	
7	G	≋ and ≈ scattered throughout.	
7	G	A dark dense mass of ≈ covered nearly the whole of the sky; passing heavy shower of rain at 8h. 10m. lasted 10m.	
4	C	≈ and ≋ scattered about.	
4	C	⌇ in the W, ≋ in the SE of zenith; and ≈ passing rapidly towards E.	
8	C	Overcast; ≋ and ≈.	
5	C	≈ and ≋ scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°8. Daily fall of rain by Osler's Gauge 0·06 in.
4	V	⌇ and ≋ about the zenith and ≈ around the hor.	
3	V	" " "	
3	V	" " "	
2	V	≈ scattered around hor.	
7	G	≈ scattered throughout; thin drops of rain between 5h. 39m. and 5h. 48m.	
7	G	" "	
5	G	≈ scattered around hor.	
5	G	" "	
5	C	≋ and ≈ scattered throughout; light rain from 9h. 56m.	
8	C	Overcast; shower of rain at 10h. 6m. lasted about 2m., then it was raining lightly till 10h. 28m.	
8	C	Overcast; no rain; at times the sky was nearly clear.	
8	C	Overcast; ≋ and ≈.	
8	V	" "	
7	V	≋ and ≈ scattered throughout.	
5	V	" "	
6	V	≈ scattered around hor.; ≋ about the zenith.	
5	G	≈ scattered around hor.; ⌇ and ≋ about the zenith.	
7	G	≈ scattered throughout.	
6	G	" "	
7	G	" "	
4	C	≈ scattered round hor.	
4	C	" "	
3	C	" "	
6	C	≈ scattered throughout moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 83°7
4	V	⌇ and ≈ scattered about; halo round the moon.	
4	V	" " "	
6	V	" " "	
2	V	≈ scattered around hor.; ⌇ here and there in the sky.	
2	G	⌣ along the E hor.; ≈ scattered about; slight dew.	
6	G	⌣ in the S and W; ≋ throughout.	
6	G	" "	
6	G	≋ and ≈ scattered throughout; light mist in hor.	
6	C	" " "	
5	C	≈ along western hor.; ≋ and ⌇ in the E and S; light mist.	
5	C	" " "	
5	C	" " "	
6	V	⌇ and ≋ about the zenith; ≈ around the hor.	
6	V	" " "	
7	V	≋ and ≈ scattered throughout.	
6	V	≋ and ≈ scattered throughout; a few ⌇ in E and N of zenith.	
6	G	⌇, ≋ and ≈ scattered throughout.	
7	G	Large masses of ≈ and ≋ scattered throughout.	
5	G	≈ scattered about.	
5	G	" "	
6	G	≋ and ≈ scattered throughout.	
8	G	Overcast; ≋ and ≈.	
8	G	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in hours between same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 20th-Midnight	29.780	28.947	81°2	76°2	5°0	74°2	0.833	0.80	81°6	82°2	NW	0.2					
1 a. m.	.757	.930	81.0	76·0	5.0	74.0	.827	.80	81.4	82.3	,,	0.1					
2 ,,	.744	.915	80.8	76.0	4.8	74.1	.829	.80	81.2	82.3	,,	0.1					
3 ,,	.740	.910	80.7	76.0	4.7	74.1	.830	.80	81.2	82.3	,,	0.1					
4 ,,	.736	.905	80.6	76.0	4.6	74.1	.831	.81	81.0	82·1	,,	0.1					
5 ,,	.750	.866	80.1	77.2	2.9	76.1	.884	.88	80.7	82.0	,,	0.2					
6 ,,	.756	.897	80.7	77·0	3.7	75.5	.869	.85	80.5	82.0	,,	0.1					
7 ,,	.782	.913	80.7	77.0	3.7	75.5	.869	·85	80.5	82.0	N	0.1					
8 ,,	·796	.890	81.0	78.0	3.0	76.8	.906	.88	80.8	82.0	E b S	0.2					
9 ,,	.812	.988	77.7	75.0	2.7	73·9	.824	.89	79.7	82.0	W	0.1	0·16				
10 ,,	.811	.957	78.5	76.0	2.5	75.0	.854	.89	79.8	82.0	WNW	0.1	0.03	None.	None.	None.	None.
11 ,,	.797	.915	79.5	77.0	2.5	76.0	.882	.90	80.1	82.0	,,	0·1	0.16				
Noon.	.773	.907	81.0	77·0	4.0	75.4	.866	.84	80.9	82.0	NW b W	0.2					
1 p. m.	.748	.822	83.0	79.0	4.0	77.5	.926	.84	82.0	82.1	W b N	0.2					
2 ,,	.725	.821	85.0	79·0	6.0	76.8	.904	.77	83.5	82.3	,,	0.1					
3 ,,	.702	.798	85.0	79.0	6.0	76.8	.904	.77	83.6	82.2	,,	0.2					
4 ,,	.702	.809	86.0	79.0	7.0	76.4	.893	.74	83.8	82.2	,,	0.3					
5 ,,	.716	.818	83·7	78.5	5.2	76.6	.898	·80	83.5	82.3	,,	0.4					
6 ,,	.733	.855	81.8	77.5	4.3	75.9	.878	.83	82.4	82.3	,,	0.2					
7 ,,	·755	·865	80.7	77.5	3.2	76.3	.890	.87	81.7	82.4	,,	0.4					
8 ,,	.775	.885	80.7	77.5	3.2	76.3	.890	.87	81.3	82.3	WNW	0.3					
9 ,,	.793	.901	80.5	77.5	3.0	76.4	.892	.88	81.2	82.2	,,	0.2					
10 ,,	.795	.903	80.5	77.5	3.0	76.4	.892	.88	81.2	82.2	,,	0·1					
11 ,,	.794	.912	79.5	77.0	2.5	76.0	.882	.90	80.9	82.2	,,	0.1					
Sept. 21st-Midnight	.785	.899	79.0	77.0	2.0	76.2	.888	.92	80.4	82.1	ESE	0.4					
1 a. m.	.778	.924	78.5	76.0	2.5	75.0	.854	.89	79.5	82.1	E b N	0·5					
2 ,,	.759	.894	77.5	76.0	1.5	75.4	.865	.93	79.0	82·0	E S E	0.5					
3 ,,	.759	.933	77.5	75.0	2.5	74.0	.826	.89	79.0	81.9	,,	0.5					
4 ,,	.769	.909	78.0	76.0	2.0	75.2	.860	.91	79.0	81.8	,,	0.3					
5 ,,	.786	.903	77.7	76.5	1.2	76.0	.883	.95	78.5	81.7	,,	0.4					
6 ,,	.805	.962	76.7	75.2	1.5	74.6	.843	.94	78.0	81.7	S b E	0.5	0.03				
7 ,,	.834	.981	77.2	75.6	1.6	75.0	.853	.93	78.0	81.6	SSE	0.4					
8 ,,	.854	29.016	78.2	75.5	2.7	74.4	.838	.89	78.7	81.6	,,	0.2					
9 ,,	.874	.018	78·4	76.0	2.4	75.1	.856	.90	79.0	81.6	,,	0.1					
10 ,,	.876	28.978	82.5	78.2	4.3	76.6	.898	.83	80.8	81.7	S b E	0.1					
11 ,,	.868	.953	84.0	79.0	5.0	77.2	.915	.81	82.1	81.8	,,	0.1					
Noon.	.840	.936	82.5	77.1	5.4	75.0	.854	.79	82.0	81.8	W	0.1		None.	None.	None.	None.
1 p. m.	.815	.937	83.5	78.0	5.5	75.9	.878	.79	82·0	81.9	NW b W	0.1					
2 ,,	.786	.893	86.0	79.0	7.0	76.4	.893	.74	83.0	82.0	W	0.1					
3 ,,	.782	.960	85.0	77.0	8.0	73.8	.822	.70	83.0	82.1	W b S	0.2					
4 ,,	.781	.926	82.0	77.0	5.0	75.0	.855	.80	81.5	82.0	NW b W	0.1	0.15				
5 ,,	.793	·906	84.2	78.4	5.8	76.2	·887	.78	82.0	82.0	,,	0.1					
6 ,,	.798	.890	80.8	78.0	2.8	76.9	.908	.85	81.4	82.0	NW	0.2					
7 ,,	.819	.978	79.7	76·0	3.7	74.5	·841	.85	81.0	82.0	NW b W	0.0					
8 ,,	.831	.990	79.7	76.0	3.7	74.5	·841	.85	81.6	82.0	WNW	0.0					
9 ,,	.851	.987	79·0	76.4	2.6	75.4	.864	.89	80.3	81.9	,,	0.1					
10 ,,	.851	.993	78.2	76·0	2.2	75.1	·858	·91	80.0	81.9	W	0.1	0.06				
11 ,,	.847	.987	78.0	76.0	2·0	75.2	.860	·92	79.7	81.9	,,	0.0					
Sept 22nd-Midnight	.839	.979	78.0	76.0	2.0	75.2	.860	.92	79.4	81.9	NW	0.0					
1 a. m.	.826	.994	77.0	75.0	2.0	74.2	.832	·91	79·0	81.7	NW b W	0.3	0·21				
2 ,,	.818	.975	76.0	75.0	1.0	74.6	.843	.95	78.0	81.7	E b N	0.1	0.08				
3 ,,	.823	.980	76.0	75.0	1.0	74.6	.843	.95	78.0	81.8	,,	0.1					
4 ,,	.823	.952	77.0	76.0	1.0	75.6	.871	.96	78.0	81.5	,,	0.1					
5 ,,	.842	.995	76.4	75.2	1.2	74.7	.847	.95	77.7	81.4	E b S	0.3		None.	None.	None.	None.
6 ,,	.862	.986	76.5	76.0	0.5	75.8	.876	.98	77.7	81.4	,,	0.2					
7 ,,	.885	29.014	77.7	76.2	1.5	75·6	.871	.94	78.0	81.4	ESE	0.1					
8 ,,	.909	.066	79.5	76.0	3.5	74.6	.843	.86	78·7	81.4	,,	0.2					
9 ,,	·918	28.996	81.4	78.5	2.9	77.4	.922	.88	80.5	81.3	,,	0.1					
10 ,,	.917	.991	83·0	79.0	4.0	77.5	.926	.84	82.2	81.4	,,	0.1					
11 ,,	.906	29.006	84.5	79.5	5.0	76.6	.900	.79	82.5	81.5	,,	0.0					

Amount of Clouds 0—3.	Observers.	State of the Weather.	Remarks.
		*Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Ci-cu cirro-cumuli; Cu cumuli; Ci-st cirro-strati; Cu-st cumulo-strati; and N nimbi.	
8	C	Overcast; the moon dimly visible.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°8. Daily fall of rain by Osler's Gauge 0·28 in.
8	V	" "	
8	V	" "	
8	V	" "	
8	V	Overcast; the moon and a few principal stars about the zenith dimly visible.	
8	G	" " " "	
8	G	Overcast; Ci and Ci-cu.	
8	G	" "	
8	G	Overcast; Ci and Ci-cu; shower of rain at 8h. 28m. lasted about 4m., then lightly raining.	
8	C	Overcast; lightly raining.	
8	C	" "	
8	C	Overcast; rain ceased a few minutes before full hour.	
8	C	"	
8	V	"	
8	V	"	
8	V	Overcast; Ni, Ci and D Cu; partial Rainbow in E.	
8	V	Overcast; Ni, Ci and D Cu; Rainbow disappeared about 4h. 10m.	
7	G	Ni, Ci and Cu scattered throughout.	
8	G	Overcast; thin drops of rain about 6h. 10m.	
6	G	Ni and large masses of Cu scattered throughout.	
6	G	" " "	
8	C	Overcast; Ci and Cu; some of the principal stars visible.	
8	C	Overcast; Ci and Cu; drops of rain at 10h. 51m.	
8	C	" "	
8	C	Overcast; fresh breezes blowing from E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°8 and 84°2. Daily fall of rain by Osler's Gauge 0·22 in.
8	V	Overcast; small drops of rain at the time of observation; fresh breezes.	
8	V	Overcast; Ci and Cu.	
8	V	Overcast; Ci and Cu; the moon dimly visible.	
8	V	" "	
8	G	Overcast; Ci and Cu; light shower of rain at 5h. 34m. lasted for about 5m.	
8	G	" "	
8	G	" "	
8	G	Overcast; Ci and Cu; drops of rain at 8h. 14m.	
8	C	" "	
8	C	" "	
7	C	Ci and Cu scattered throughout; horizon pretty clear.	
7	C	Ni, Ci and Cu throughout.	
6	V	" "	
7	V	" "	
8	V	Overcast with heavy Cu; shower of rain at 3h. 15m. lasted about 12m.; a complete Rainbow in E seen at 3h. 30m.	
7	V	Large masses of Cu cover nearly the whole of the sky; Rainbow still continues to be seen.	
5	G	Ci in the W and SW above the hor.; Cu scattered about.	
6	G	Ni and Cu scattered throughout.	
7	G	" "	
7	G	" "	
6	C	Cu scattered throughout; light rain between 9h. 16m. and 9h. 47m.	
7	C	" "	
7	C	" "	
8	C	Overcast; lightly raining from 0h. 30m.; shower of rain at 0h. 55m lasted 5m.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°8. Daily fall of rain by Osler's Gauge 0·28 in.
8	V	Overcast; heavy shower of rain at 1h. 35m., then lightly raining.	
8	V	Overcast; a few stars dimly visible here and there.	
8	V	" " "	
8	V	" " "	
8	G	Densely overcast.	
8	G	" "	
8	G	Densely overcast; Ci and Cu.	
8	G	Densely overcast; Ci and Cu; drops of rain at the time of observation.	
2	N	Ci in the N; D Ci around hor.; horizon pretty clear.	
2	N	Cu scattered about the hor.; very slight mist on the distant Ghauts.	
3	N	Ni in the NE above hor.; large dense masses of clouds rising above hor. in the N; a solitary mass of Cu about the zenith.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between the moment of discharge and the recovering tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 22nd-Noon.	29.876	28.967	84°5	79°0	5°5	76°9	0.909	0.79	82°5	81°5	SE b S	0·1					
1 p. m.	.863	.970	86.0	79.0	7.0	76.4	.893	.74	83.2	81.8	WSW	0.1					
2 „	.834	.947	86.5	79.0	7.5	76.2	.887	.72	84.0	81.8	W b S	0.1					
3 „	.829	.947	87.0	79.0	8.0	76.0	.882	.71	84.0	82.0	W	0.2					
4 „	.829	.978	86.0	78.0	8.0	74.9	.851	.70	83.5	82.1	WNW	0.2					
5 „	.842	.987	85.6	78.0	7.6	75.0	.855	.72	82.1	82.2	NW b W	0.1	None.	None.	None.	None.	None.
6 „	.859	29.037	82.2	76.2	6.0	73.8	.822	.77	82.0	82.2	„	0.1					
7 „	.864	.035	81.2	76.1	5.1	74.1	.829	.79	81.5	82.2	NW b N	0.4					
8 „	.872	.061	80.7	75.5	5.2	73.4	.811	.79	81.0	82.2	„	0.3					
9 „	.893	.055	80.0	76.0	4.0	74.4	.838	.84	81.0	82.2	„	0.1					
10 „	.897	.059	79·2	76.0	3·2	74.7	.847	.87	81.0	82.2	„	0.0					
11 „	.887	.038	79.0	76.0	3.0	74.8	.849	.88	80.7	82.1	„	0.0					
Sept. 23rd-Midnight	29.878	29.005	79·0	76.6	2.4	75.7	.873	.90	80.5	82.0	NW b N	0.1					
1 a. m.	.848	28.999	79.0	76.0	3.0	74.8	.849	.87	80.0	81.8	NE	0.2					
2 „	.838	.984	78.5	76.0	2.5	75.0	.854	.89	80.0	81.6	ENE	0.2					
3 „	.837	29.016	78.0	75.0	3.0	73.8	.821	.87	79.8	81.7	E b N	0.1					
4 „	.839	.018	78.0	75.0	3.0	73.8	.821	.87	79.5	81.7	„	0.3					
5 „	.847	28.981	78·2	76.2	2.0	75.4	.866	.92	78.7	81.7	E	0.4					
6 „	.863	.978	78.5	76.8	1.7	76.1	.885	.95	78.6	81.6	„	0.5					
7 „	.889	29.017	79.7	76.8	2.9	75.6	.872	.88	79.0	81.6	E b S	0.3					
8 „	.906	.040	81.0	77.0	4.0	75.4	.866	.84	80.2	81.6	„	0·2					
9 „	.914	28.984	82.6	79.0	3.6	77.7	.930	.85	81.5	81.5	„	0.2					
10 „	.915	.984	83.3	79.2	4.1	77.7	.931	.84	81.9	81.7	„	0·1					
11 „	.901	.993	84.6	79·0	5.6	76.9	.908	.79	82.4	82.0	„	0.1	None.	None.	None.	None.	None.
Noon.	.877	.984	86.0	79.0	7.0	76.4	.893	.74	83.5	82.0	NW	0.1					
1 p. m.	.849	29.002	86.4	78.0	8.4	74·7	.847	.61	84.0	82.0	W	0.3					
2 „	.831	28.991	87.0	78.0	9.0	74.5	.840	.67	84.0	82.2	„	0.3					
3 „	.823	29.042	85.2	76.0	9.2	72.2	.781	.66	84.0	82.4	W b N	0.3					
4 „	.823	.040	85.0	76.0	9.0	72.3	.783	·67	83.7	82.5	„	0.2					
5 „	.826	.034	84.2	76.0	8.2	72.7	.792	.69	83.5	82·5	„	0.3					
6 „	.831	28.990	81.5	76.5	5·0	74.5	.841	.80	83.2	82.5	„	0.2					
7 „	.845	.983	81.4	77.0	4.4	75.3	.862	.82	80.9	82.4	„	0.1					
8 „	.861	29.034	81.0	76.0	5.0	74.0	.827	.80	80·2	82.4	„	0.4					
9 „	.889	.078	80.5	75.4	5.1	73.4	.811	.80	80.0	82.3	„	0.1					
10 „	.878	.066	78.8	75.0	3.8	73.4	.812	.86	79.9	82.0	„	0.1					
11 „	.859	.038	78·0	75.0	3·0	73.8	.821	.87	79.8	81.8	„	0.0					
Sept. 24th-Midnight	.847	29·030	77.6	74.8	2·8	73.6	.817	.88	79.6	81.7	W b N	0.1					
1 a. m.	.830	.036	77.0	74.0	3.0	72.8	.794	.87	78.0	81.9	„	0.0					
2 „	.820	.026	77.0	74.0	3.0	72.8	.794	.87	78.0	81.8	„	0.0					
3 „	.822	28.973	77.6	75.6	2.0	74.8	.849	.91	78.0	81.7	„	0.0					
4 „	.828	.974	78.5	76.0	2·5	75.0	.854	.89	79.0	81.6	„	0.1					
5 „	.844	.971	78.6	76.5	2.1	75.7	.873	.91	79·0	81.6	„	0.1					
6 „	.864	.991	78.6	76.5	2.1	75.7	.873	.91	79.2	81.6	N b W	0.1					
7 „	.883	29·014	79.4	76.4	3.0	75.5	.869	.88	80.0	81.6	N b E	0.4					
8 „	.908	.031	80.0	77.0	3.0	75.8	.877	.88	80.3	81.6	NE b N	0.3					
9 „	.920	.025	82.0	78.0	4.0	76.5	.895	.84	81.0	81.7	„	0·2					
10 „	.920	.034	82.8	78.0	4.8	76.1	.886	.81	81.5	81.7	NE	0.2					
11 „	.907	.021	82.8	78.0	4.8	76.1	.886	.81	81.7	81.8	„	0.1					
Noon.	.882	.055	84.5	77.0	7.5	74.0	.827	.72	82.6	81.8	„	0.1					
1 p. m.	.846	.035	86.0	77.0	9.0	73.4	.811	.67	83.5	82.0	NE b E	0.1	None.	None.	None.	None.	None.
2 „	.825	.023	86.8	77.0	9.8	73.1	.802	.65	84.0	82.2	W b N	0.2					
3 „	.819	.019	87.0	77.0	10.0	73.0	.800	.64	84.3	82.4	„	0.3					
4 „	.807	.007	87.0	77.0	10.0	73.0	.800	.64	84.3	82.4	WNW	0.3					
5 „	.811	28·920	85.1	78.7	6.4	76.3	.891	.76	84.0	82.5	„	0.3					
6 „	.833	.947	82.8	78.0	4.8	76.1	.886	.81	82.9	82.6	W b N	0.4					
7 „	.847	29·008	81.8	76.8	5.0	74.8	.849	.80	82.0	82.6	WNW	0.3					
8 „	.869	.021	80.9	76.5	4.4	74·8	.848	.82	81.4	82.5	„	0.4					
9 „	.884	.036	80.9	76.5	4.4	74.8	.848	.82	81.0	82.5	„	0.2					
10 „	.887	.040	80.2	76·0	4.2	74.7	.847	.83	80.7	82.5	„	0.4					
11 „	.879	.041	80.0	76.0	4.0	74·4	.838	.84	80.5	82.4	„	0.3					
												0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌐i cirri; ∿i cirro-cumuli; ∩i cumuli; ⌣i cirro-strati; ∩i cumulo-strati; and ∿i nimbi.	
3	K	⌐i in the NE; ∿i scattered about; hor. pretty clear.	
4	V	∿i scattered around hor.; clear in the hor.	
2	V	" " "	
6	V	∿i scattered about the sky.	
7	V	∿i scattered throughout moving E.	
4	G	Large masses of ∿i around hor.; ⌐i about the zenith.	
6	G	∿i and ∿i scattered throughout.	
5	G	∿i scattered about; big drops of rain at 7h. 45m.	
5	G	" " "	
5	C	" " "	
4	C	" " "	
4	K	" " "	
6	K	∿i scattered throughout.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°9.
6	V	" "	
7	V	" "	
6	V	" "	
5	V	" "	
4	G	⌣i in the E of zenith; ∿i scattered about the sky moving ESE.	
5	G	" " "	
7	G	∿i and ∿i scattered throughout.	
6	G	" "	
3	N	⌐i and ∿i in the SE and S of zenith; D ∿i around hor., very light mist on the distant Ghauts.	
4	N	" " " "	
3	K	⌐i and ∿i scattered about; clear in the hor.	
4	K	" " "	
6	V	∿i scattered throughout moving E.	
3	V	∿i in the S; ∿i around the hor.	
3	V	" "	
3	V	" "	
5	G	⌣i in the E; large masses of ∿i about the sky moving E.	
4	G	" " "	
2	G	Clouded around hor., otherwise quite clear.	
2	G	" " "	
3	K	" " "	
3	K	" " "	
4	K	" " "	
2	K	Clouded around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 83°7.
3	V	⌐i about the zenith; ∿i around hor.	
6	V	∿i scattered throughout moving E.	
7	V	" "	24th September was the 17th day on which the fall of rain was less than 0·01 in.
7	V	∿i scattered throughout moving E; drops of rain at 4h. 31m.	
6	G	Large masses of ∿i scattered throughout the sky.	
6	G	∿i scattered throughout; ∿i in the W.	
5	G	∿i and fragments of ∿i scattered about the sky.	
5	G	" " "	
4	C	" " "	
5	C	" " "	
6	C	∿i and ∿i scattered throughout.	
6	C	" "	
3	V	∿i around the hor.	
6	V	" "	
3	V	∿i around the hor.; ⌐i in S of zenith.	
3	V	"	
2	G	"	
5	G	∿i scattered about the sky moving E.	
5	G	" "	
5	G	" "	
2	G	∿i scattered around hor.	
2	G	" "	
2	G	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 26th-Midnight	29.870	28.964	81°0	78°0	3°0	76°8	0.906	0.88	81°8	82°4	N b W	0.3					
1 a. m.	.854	.988	81.0	77.0	4.0	75.4	.866	.84	81.5	82.4	,,	0.3					
2 ,,	.845	.985	80.8	76.8	4.0	75.2	.860	.84	81.5	82.4	,,	0.2					
3 ,,	.847	.976	80.5	77.0	3.5	75.6	.871	.86	81.3	82.4	N	0.1					
4 ,,	.855	.978	80.0	77.0	3.0	75.8	.877	.88	81.3	82.3	,,	0.1					
5 ,,	.867	.992	80.2	77.0	3.2	75.8	.875	.87	80.9	82.3	,,	0.4					
6 ,,	.883	.980	79.8	77.6	2.2	76.7	.903	.91	80.0	82.2	,,	0.2					
7 ,,	.905	29.015	80.7	77.5	3.2	76.3	.890	.87	80.7	82.2	,,	0.1					
8 ,,	.924	.069	82.0	77.0	5.0	75.0	.855	.80	81.4	82.2	N b E	0.2					
9 ,,	.931	.058	84.0	78.0	6.0	75.7	.873	.77	82.5	82.1	NNE	0.3					
10 ,,	.929	.060	84.4	78.0	6.4	75.5	.869	.76	83.1	82.2	NE	0.3					
11 ,,	.909	.014	86.6	79.2	7.4	76.5	.895	.73	84.3	82.4	,,	0.4	None.	None.	None.	None.	None.
Noon.	.885	28.968	87.6	80.0	7.6	77.2	.917	.72	85.6	82.5	NW	0.6					
1 p. m.	.860	.915	89.0	81.0	8.0	78.2	.945	.71	86.0	83.0	,,	0.6					
2 ,,	.840	.854	88.4	81.8	6.6	79.5	.986	.76	86.5	83.0	,,	0.5					
3 ,,	.828	.839	89.0	82.0	7.0	79.6	.989	.74	86.8	83.2	,,	0.4					
4 ,,	.829	.840	89.0	82.0	7.0	79.6	.989	.74	86.8	83.4	NW b N	0.3					
5 ,,	.836	.955	88.6	79.4	9.2	76.0	.881	.67	84.7	83.5	,,	0.5					
6 ,,	.854	.945	84.5	79.0	5.5	76.9	.909	.79	83.9	83.5	,,	0.4					
7 ,,	.867	.949	83.7	79.0	4.7	77.3	.918	.82	83.2	83.5	,,	0.5					
8 ,,	.884	.966	83.7	79.0	4.7	77.3	.918	.82	82.9	83.5	,,	0.6					
9 ,,	.908	.982	83.0	79.0	4.0	77.5	.926	.84	82.9	83.4	NW	0.1					
10 ,,	.909	29.014	82.0	78.0	4.0	76.5	.895	.84	82.8	83.3	,,	0.1					
11 ,,	.890	.026	81.2	77.0	4.2	75.4	.864	.83	82.5	83.2	NNW	0.1					
Sept. 27th-Midnight	.878	.010	81.2	77.0	4.2	75.4	.864	.83	82.1	83.2	NNW	0.1					
1 a. m.	.858	.055	79.6	75.0	4.6	73.1	.803	.81	81.6	83.0	,,	0.0					
2 ,,	.841	.035	79.4	75.0	4.4	73.2	.806	.82	81.5	83.0	,,	0.0					
3 ,,	.835	.042	80.5	75.0	5.5	72.7	.793	.78	81.4	82.8	NNE	0.2					
4 ,,	.843	.044	80.0	75.0	5.0	73.0	.799	.81	81.3	82.6	NE b N	0.1					
5 ,,	.854	.036	79.6	75.4	4.2	73.7	.819	.83	81.0	82.5	,,	0.2					
6 ,,	.877	.004	78.6	76.5	2.1	75.7	.873	.91	80.2	82.4	,,	0.1					
7 ,,	.898	.027	80.5	77.0	3.5	75.6	.871	.86	80.5	82.3	,,	0.2					
8 ,,	.924	.092	82.3	76.5	5.8	74.2	.832	.77	81.2	82.4	,,	0.1					
9 ,,	.934	.183	84.4	75.0	9.4	71.0	.751	.65	82.8	82.5	,,	0.1					
10 ,,	.931	.155	85.6	76.0	9.6	72.0	.776	.65	83.7	82.5	,,	0.1					
11 ,,	.910	.112	87.2	77.0	10.2	72.9	.798	.64	84.3	82.7	,,	0.1	None.	None.	None.	None.	None.
Noon.	.877	.040	89.2	78.5	10.7	74.4	.837	.63	85.5	82.9	,,	0.1					
1 p. m.	.843	28.992	89.8	79.0	10.8	74.9	.851	.63	86.3	83.2	NW b W	0.3					
2 ,,	.821	.966	90.2	79.2	11.0	75.0	.855	.62	87.0	83.4	NW	0.3					
3 ,,	.811	.956	90.2	79.2	11.0	75.0	.855	.62	87.0	83.4	,,	0.4					
4 ,,	.803	.948	90.2	79.2	11.0	75.0	.855	.62	88.5	83.6	,,	0.3					
5 ,,	.800	.885	89.8	80.5	9.3	77.2	.915	.67	87.7	83.7	,,	0.4					
6 ,,	.811	.910	87.2	79.5	7.7	76.7	.901	.72	85.3	83.7	,,	0.2					
7 ,,	.826	.927	83.6	78.5	5.1	76.6	.899	.80	84.1	83.7	NW b N	0.3					
8 ,,	.843	.988	82.7	77.2	5.5	75.0	.855	.79	83.0	83.6	NNW	0.2					
9 ,,	.870	29.008	81.4	77.0	4.4	75.3	.862	.82	82.4	83.5	,,	0.1					
10 ,,	.870	.004	81.0	77.0	4.0	75.4	.866	.84	82.2	83.4	,,	0.2					
11 ,,	.859	28.932	81.0	78.5	2.5	77.6	.927	.90	82.2	83.4	N b W	0.2					
Sept. 28th-Midnight	.851	.903	81.0	79.0	2.0	78.3	.948	.92	82.2	83.3	N b W	0.1					
1 a. m.	.825	29.053	79.0	74.0	5.0	71.8	.772	.79	81.0	83.0	,,	0.1					
2 ,,	.813	28.999	78.6	75.0	3.6	73.5	.814	.85	80.5	83.0	,,	0.0					
3 ,,	.805	29.019	78.0	74.0	4.0	72.4	.786	.83	80.2	83.0	,,	0.0					
4 ,,	.807	.050	77.0	73.0	4.0	71.2	.757	.83	79.8	82.8	,,	0.0					
5 ,,	.821	28.948	76.8	76.0	0.8	75.7	.873	.97	79.0	82.7	,,	0.2					
6 ,,	.839	.974	77.5	76.0	1.5	75.4	.865	.93	79.2	82.6	,,	0.1	None.				
7 ,,	.852	.967	79.2	76.2	3.0	76.1	.885	.88	80.0	82.6	,,	0.2					
8 ,,	.876	29.047	81.2	76.1	5.1	74.1	.829	.79	81.0	82.5	NE	0.1					
9 ,,	.887	.093	84.0	76.0	8.0	72.8	.794	.70	82.1	82.5	,,	0.2					
10 ,,	.885	.064	85.1	77.0	8.1	73.8	.821	.70	83.2	82.6	,,	0.2					
11 ,,	.863	.025	87.2	78.0	9.2	74.4	.838	.67	84.3	82.7	,,	0.2		+	12	10	1.47

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒ cumuli; ⌒≀ cirro-strati; ⌒≀ cumulo-strati; and ⌒≀ nimbi.	
8	C	Overcast with ≀ moving E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°6 and 83°9.
8	V	Overcast; a few stars visible about the zenith.	
7	V	≀ scattered throughout.	
7	V.	" "	
8	V	Overcast; ≀≀ and ≀.	
8	C	" "	
6	G	≀≀ and ≀ throughout.	
6	G	≀ and ⌒≀ scattered about.	
6	G	" "	
6	C	" "	
7	C	" "	
7	C	" "	
6	C	≀ and ⌒≀ scattered about; masses of ≀ passing E.	
6	V	≀ scattered about the sky; light mist in the hor.	
5	V	≀ in the W of zenith; ≀≀ around hor.; mist.	
4	V	" "	
4	V	≀ in the NW, W and SW of the zenith; D clouds along the E hor.	
4	G	≀ scattered about; ≀≀ along the E hor.	
4	G	" "	
2	G	≀ and ≀≀ scattered about.	
2	G	" "	
3	C	≀≀ in E, SE and S above hor.	
3	C	≀≀ around hor.	
3	C	"	
2	C	≀≀ scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°6 and 83°9. Reading of barometer corrected for temperature at 9 A. M. was 29·934 in., largest during the month, and was larger than the normal mean by 0·090 in.
2	V	≀≀ scattered around hor.; dew falling.	
2	V	" "	
2	V	" "	
2	V	" "	
2	G	" "	
5	G	" "	
4	G	≀≀ in the W and SW; fragments of D clouds scattered about the zenith.	
4	G	" " "	
3	C	D clouds scattered about the hor.; horizon pretty clear.	
2	C	" " "	
1	C	" " "	
1	C	" " "	
1	V	⌒≀ along the E hor.	
1	V	"	
1	V	"	
0	V	Cloudless; very light mist in hor.	
1	G	≀≀ about the hor. in E.	
0	G	"	
1	G	"	
1	G	"	
2	C	≀≀ scattered around hor.	
4	C	"	
6	C	≀≀ scattered throughout moving SSW; a few fragments of ≀≀ here and there; slight dew.	
4	C	≀≀ scattered about the sky; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 83°8 and 84°3.
2	V	" "	
3	V	≀ in the S and ≀≀ scattered about; dew.	
3	V	" " "	
3	V	" " "	
5	G	≀≀ and L ≀≀ scattered about; dew.	
6	G	Large masses of ≀≀ scattered about moving S.	
6	G	" " "	
5	G	≀≀ and L ≀≀ scattered about.	
6	C	Detached ≀≀ scattered throughout; light mist.	
4	C	" " "	
6	C	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 4.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Sept. 28th–Noon.	29.836	28.999	87°3	78°0	9°3	74°4	0.837	0.67	85°1	82°9	NNW	0.2		+	4		• 2.29
1 p. m.	.804	.986	89.0	78.0	11.0	73.6	.818	.62	86.2	83.2	,,	0.4					
2 ,,	.780	.971	89.8	78.0	11.8	73.3	.809	.60	86.5	83.3	NW	0.4					
3 ,,	.761	.948	90.2	78.2	12.0	73.5	.813	.59	87.0	83.4	,,	0.3					
4 ,,	.765	.954	89.6	78.0	11.6	73.4	.811	.60	87.0	83.5	NW b N	0.4	None.			None.	
5 ,,	.770	.909	85.8	78.2	7.6	75.2	.861	.72	85.6	83.5	,,	0.5					
6 ,,	.785	.923	85.0	78.0	7.0	75.3	.862	.74	85.0	83.5	,,	0.2					
7 ,,	.791	.858	84.3	79.5	4.8	77.8	.933	.81	84.1	83.4	,,	0.1					
8 ,,	.802	.874	83.9	79.3	4.6	77.6	.928	.82	83.7	83.4	,,	0.3					
9 ,,	.822	.892	83.4	79.2	4.2	77.7	.930	.83	83.6	83.3	,,	0.2					
10 ,,	.828	.902	83.0	79.0	4.0	77.5	.926	.84	83.4	83.3	,,	0.1		+	8		1.34
11 ,,	.817	.910	82.4	78.4	4.0	76.9	.907	.84	83.2	83.3	,,	0.1					
Sept. 29th–Midnight	.809	.902	82.4	78.4	4.0	76.9	.907	.84	83.1	83.3	NW b N	0.2					
1 a. m.	.780	.878	81.4	78.0	3.4	76.7	.902	.86	82.8	83.4	NE b E	0.0					
2 ,,	.768	.862	81.0	78.0	3.0	76.8	.906	.88	82.5	83.3	,,	0.0					
3 ,,	.768	.902	81.0	77.0	4.0	75.4	.866	.84	82.2	83.2	,,	0.0					
4 ,,	.772	.824	81.0	79.0	2.0	78.3	.948	.92	82.0	83.3	,,	0.1					
5 ,,	.782	.914	80.8	77.0	3.8	75.5	.868	.85	81.2	83.2	,,	0.2					
6 ,,	.801	.962	79.9	76.0	3.9	74.4	.839	.84	80.9	83.1	,,	0.1					
7 ,,	.832	.973	81.6	77.0	4.6	75.2	.859	.82	81.6	83.0	,,	0.2					
8 ,,	.850	.967	83.1	78.0	5.1	76.0	.883	.80	82.4	83.0	,,	0.1					
9 ,,	.871	.960	84.4	79.0	5.4	77.0	.911	.79	83.1	83.1	,,	0.3					
10 ,,	.872	.929	85.6	80.1	5.5	78.1	.943	.79	84.0	83.2	ENE	0.2					
11 ,,	.864	.936	86.6	80.0	6.6	77.6	.928	.76	85.0	83.3	ESE	0.2	None.	None.	None.	None.	None.
Noon.	.844	.926	87.5	80.0	7.5	77.3	.918	.73	85.7	83.3	S	0.2					
1 p. m.	.814	.873	89.4	81.0	8.4	78.0	.941	.70	86.3	83.6	SW	0.1					
2 ,,	.799	.841	89.8	81.5	8.3	78.6	.958	.70	86.8	83.7	,,	0.1					
3 ,,	.779	.801	90.0	82.0	8.0	79.3	.978	.71	87.0	83.8	WSW	0.2					
4 ,,	.771	.793	90.0	82.0	8.0	79.3	.978	.71	87.0	84.0	W b S	0.2					
5 ,,	.787	.852	94.0*	82.0*	12.0	77.8	.935	.61	87.5	84.1	WSW	0.2					
6 ,,	.808	.812	89.2*	82.2*	7.0	79.8	.996	.75	86.3	84.1	SW b W	0.2					
7 ,,	.837	.797	84.4	82.0	2.4	81.2	1.040	.91	84.2	84.0	,,	0.0					
8 ,,	.850	.806	84.0	82.0	2.0	81.3	1.044	.84	84.0	84.0	S	0.4					
9 ,,	.877	.868	83.2	81.0	2.2	80.2	1.009	.91	84.0	84.0	,,	0.3					
10 ,,	.877	.894	82.8	80.6	2.2	79.4	0.983	.91	83.7	84.0	,,	0.4					
11 ,,	.873	.894	82.0	80.0	2.0	79.3	.979	.92	83.3	83.9	S b E	0.4					
Sept. 30th–Midnight	.869	.912	81.7	79.4	2.3	78.6	.957	.91	83.1	83.8	S b E	0.2					
1 a. m.	.864	.961	81.4	78.0	3.4	76.7	.903	.96	83.0	83.8	SSE	0.1					
2 ,,	.848	.904	81.4	79.0	2.4	78.1	.944	.90	82.8	83.8	,,	0.2					
3 ,,	.838	.932	81.0	78.0	3.0	76.8	.906	.88	82.4	83.7	S b E	0.1					
4 ,,	.833	.956	80.0	77.0	3.0	75.8	.877	.88	82.0	83.6	,,	0.1					
5 ,,	.845	.968	80.0	77.0	3.0	75.8	.877	.88	81.0	83.5	,,	0.2					
6 ,,	.869	.995	79.9	77.4	2.5	76.4	.894	.90	81.0	83.4	,,	0.1					
7 ,,	.889	.967	81.4	78.5	2.9	77.4	.922	.88	81.8	83.4	,,	0.2					
8 ,,	.909	.952	84.0	80.0	4.0	78.6	.957	.84	83.0	83.5	,,	0.3					
9 ,,	.925	.942	85.5	81.0	4.5	79.4	983	.83	84.0	83.5	,,	0.2					
10 ,,	.925	.907	86.4	82.0	4.4	80.5	1.018	.83	85.0	83.6	,,	0.2					
11 ,,	.913	.904	87.2	82.0	5.2	80.2	1.009	.80	85.7	83.7	,,	0.3					
Noon.	.894	.888	88.3	82.2	6.1	80.1	1.006	.78	86.2	83.8	,,	0.3					
1 p. m.	.863	.876	89.2	82.0	7.2	79.5	0.987	.74	86.5	83.9	SW b W	0.2	None.	None.	None.	None.	None.
2 ,,	.841	.860	89.7	82.0	7.7	79.4	.981	.72	87.0	84.0	W b S	0.2					
3 ,,	.821	.884	89.6	81.0	8.6	77.9	.937	.70	87.0	84.2	W	0.2					
4 ,,	.807	.866	89.4	81.0	8.4	78.0	.941	.70	87.0	84.3	W b N	0.3					
5 ,,	.820	.853	91.0*	82.0	9.0	78.9	.967	.69	86.6	84.4	W	0.2					
6 ,,	.856	.834	86.0	82.0	4.0	80.6	1.022	.85	85.6	84.4	,,	0.3					
7 ,,	.872	.944	83.9	79.3	4.6	77.6	0.928	.82	84.2	84.4	,,	0.0					
8 ,,	.886	.918	83.0	80.0	3.0	78.9	.968	.88	83.9	84.3	,,	0.0					
9 ,,	.896	.926	82.8	80.0	2.8	79.0	.970	.89	83.5	84.2	,,	0.0					
10 ,,	.899	.966	82.4	79.0	3.4	77.8	.933	.86	83.2	84.2	,,	0.2					
11 ,,	.896	29.025	80.5	77.0	3.5	75.6	.871	.86	82.4	84.1	SSE	0.5					

* Thermometers were probably affected by sunlight.

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Ci cirro-cumuli; Cu cumuli; Ci cirro-strati; Cu cumulo-strati; and Ni nimbi.	
6	C	Detached Ci scattered throughout; light mist.	
7	V	Ci and Ci scattered throughout.	
6	V	Cs along E hor.; Ci throughout.	
5	V	" "	
8	V	Cs in the NE, E and SE; Ci scattered throughout.	
8	G	Overcast; Cs and Cs.	
8	G	" "	
8	G	Overcast; Cs and Cs; a few stars about the zenith dimly visible.	
8	G	" " "	
8	C	Overcast; Cs and L Cs; some of the principal stars visible through the breaks.	
8	C	" "	
8	C	" "	
8	C	Overcast; Cs and L Cs; a few stars visible through the breaks.	Mean daily temperature of ground 20 and 60 inches below its surface 83°8 and 84°2. Temperature of dew-point at 8 P. M. was 81°3, greatest in the month, and about 5°5 greater than the normal mean.
8	V	Densely overcast.	
8	V	"	
8	V	"	
8	V	"	
8	G	Overcast; Cs moving SSW.	
7	G	Cs and L Cs throughout.	
5	G	Cs scattered throughout; light mist in hor.	29th September was the 38th day on which lightning was noticed after sunset.
2	G	Cs around the hor.; light mist.	
2	C	Ni in the N and W; Cs around the rest of the hor.	
2	C	" " "	
1	C	Cs scattered around hor.	
2	C	"	
3	V	Cs scattered about; Cu in the NE and E hor.	
3	V	Cs in the S and SW; Cu in the NE, E and SE hor.	
3	V	Cu and Cu along E hor. and Cs around W hor.	
3	V	Cu and Cu in the E extending towards zenith.	
4	G	" "	
4	G	Cu from NNE to SE hor. extending towards the zenith; lightning in E.	
3	G	Cu from NNE to SE hor. extending towards the zenith; successive lightning in E.	
3	G	" " "	
3	C	" " "	
4	C	" " "	
3	C	Clouded around hor.; lightning in NE at intervals of 2m.	
7	C	Cs and L Cs scattered throughout; flashes of lightning were observed at intervals.	
6	V	Cs and L Cs scattered throughout; no lightning was seen after the last observation.	Mean daily temperature of ground 20 and 60 inches below its surface 83°8 and 84°4. Reading of wet bulb thermometer at noon was 82°2, greatest during the month, and about 4°0 greater than the normal mean.
6	V		
2	V	" "	
2	V	Cs around hor.	
1	G	"	
1	G	Cs in the E, Cu in the NE and SE; slight dew.	
1	G	Cs and Ni along Eastern hor.	
1	G	A few Cs and Ni in the NE and E.	
1	G		
2	C	" "	
3	C	Ni in the NW and SE; Cs around hor.	
4	C	Ni in the SE; Cu in the E and Cs around the hor.; light mist.	
4	C	Ni in the W; Cu from the N to the SE hor. and masses of Cs in the N and NW; light mist.	
3	V	" " "	
3	V	Cu and Cu scattered from N to SSE hor. extending towards zenith; Cs in the rest of the hor.	
4	V	" " "	
4	V	" " "	
4	G	" " "	
6	G	Cu, Cu and Cs nearly cover the Eastern half of the sky.	
5	G	Cu, Cu and Cs nearly cover the Eastern half of the sky; lightning after sunset.	30th September was the 39th day on which lightning was observed after sunset.
5	G	Cu, Cu and Cs nearly cover the Eastern half of the sky; successive lightning in NE, E and SE.	
5	G		
4	C	" " "	
4	C	Cu and Cs in the E half of the sky; lightning in E at intervals of 1m.	
4	C		
4	C	" " "	
		" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 1st-Midnight	29.889	29.912	80°0	77°0	3°0	75°8	0.877	0.88	81°8	83°9	SE b S	0.5					
1 a. m.	.880	.038	79.6	76.0	3.6	74.6	.842	.85	81.5	83.8	SE	0.5					
2 „	.863	.021	79.6	76.0	3.6	74.6	.842	.85	81.5	83.8	„	0.5					
3 „	.863	28.975	79.0	77.0	2.0	76.2	.888	.92	81.0	83.7	„	0.4					
4 „	.864	29.015	79.0	76.0	3.0	74.8	.849	.87	81.0	83.6	„	0.4					
5 „	.872	.023	79.0	76.0	3.0	74.8	.849	.87	80.2	83.4	„	0.4					
6 „	.892	.010	78.8	76.8	2.0	76.0	.882	.92	80.0	83.3	„	0.3					
7 „	.917	.054	79.6	76.5	3.1	75.3	.863	.87	80.2	83.1	„	0.2					
8 „	.937	.082	82.0	77.0	5.0	75.0	.855	.80	81.4	83.1	SE b E	0.1					
9 „	.945	.063	83.2	78.0	5.2	76.0	.882	.80	82.2	83.2	„	0.2	None.	None.	None.	None.	None.
10 „	.946	.027	84.4	79.2	5.2	77.3	.919	.80	83.0	83.2	„	0.2					
11 „	.932	28.994	86.5	80.2	6.3	77.9	.938	.77	84·1	83.3	„	0.2					
Noon.	.903	.940	87.4	81.0	6.4	78.8	.963	.76	85.0	83.4	„	0.2					
1 p. m.	.873	.923	88.5	81.0	7.5	78.3	.950	.73	86.0	83.6	„	0.1					
2 „	.841	.859	89.6	82.0	7.6	79.4	.982	.73	86.5	83.7	W b S	0.2					
3 „	.831	.850	89.7	82.0	7.7	79.4	.981	.72	86.6	83.8	W	0.2					
4 „	.821	.835	89.3	82.0	7.3	79.5	.986	.73	86.5	84.0	„	0.2					
5 „	.828	.939	90.5*	80.0	10.3	76.3	.889	.64	86.6	84.2	WNW	0.2					
6 „	.854	.992	85.0	78.0	7.0	75.3	.862	.74	85.0	84.2	„	0.1					
7 „	.878	29.005	84.0	78.0	6.0	75.7	.873	.76	84.0	84.0	„	0.1					
8 „	.897	.013	83.0	78.0	5.0	76.1	.884	.80	83.7	84.0	„	0.0					
9 „	.910	.111	80.0	75.0	5.0	73.0	.799	.80	83.0	84.0	SSE	0.2					
10 „	.910	.138	79.0	74.0	5.0	71.8	.772	.80	81.5	83.8	„	0.1					
11 „	.904	.083	78.0	75.0	3.0	73.8	.821	.87	80.0	83.7	„	0.1					
Oct. 3rd-Midnight	.822	28.953	79.4	76.4	3.0	75.5	.869	.88	80.9	83.6	ENE	0.2					
1 a. m.	.819	.946	80.4	77.0	3.4	75.7	.873	.86	80.9	83.5	NE b N	0.0					
2 „	.801	.924	80.0	77.0	3.0	75.8	.877	.88	80.9	83.5	NNE	0.0					
3 „	.791	.885	81.0	78.0	3.0	76.8	.906	.88	81.4	83.5	N	0.1					
4 „	.792	.889	80.5	77.8	2.7	76.7	.903	.89	81.3	83.4	N b E	0.1					
5 „	.811	.934	80.0	77.0	3.0	75.8	.877	.88	81.0	83.4	„	0.1					
6 „	.834	.985	79.0	76.0	3.0	74.8	.849	.88	80.5	83.3	NNE	0.1					
7 „	.852	.968	79.4	77.0	2.4	76.1	.884	.90	80.7	83.3	„	0.1					
8 „	.870	.975	82.0	78.0	4.0	76.5	.895	.84	81.5	83.4	NE	0.1					
9 „	.889	29.007	84.7	78.2	6.5	75.7	.873	.75	82.0	83.4	NE b E	0.2					
10 „	.882	28.960	85.3	79.5	5.8	77.4	.922	.78	82.8	83.4	ENE	0.1					
11 „	.872	.979	86.0	79.0	7.0	76.4	.893	.74	83.9	83.4	„	0.1	None.	None.	None.	None.	None.
Noon.	.842	.856	88.4	81.8	6.6	79.5	.986	.76	85.0	83.5	NW b N	0.2					
1 p. m.	.818	.889	89.2	80.7	8.5	77.6	.929	.70	86.1	83.6	NW	0.3					
2 „	.789	.874	89.4	80.4	9.0	77.2	.915	.68	86.7	83.7	NNW	0.2					
3 „	.773	.859	89.5	80.4	9.1	77.1	.914	.68	86.9	83.8	„	0.3					
4 „	.769	.863	88.6	80.0	8.6	76.8	.906	.69	86.8	83.8	„	0.4					
5 „	.775	.924	86.0	78.0	8.0	74.9	.851	.70	86.0	84.0	„	0.5					
6 „	.786	.953	84.0	77.0	7.0	74.2	.833	.73	84.5	83.9	„	0.4					
7 „	.799	.955	83.0	77.0	6.0	74.6	.844	.77	83.5	83.8	„	0.2					
8 „	.810	.926	83.0	78.0	5.0	76.1	.884	.80	83.5	83.7	„	0.2					
9 „	.830	.942	82.6	78.0	4.6	76.2	.888	.82	83.0	83.7	„	0.0					
10 „	.837	.989	81.2	76.6	4.6	74.8	.848	.82	82.1	83.7	N	0.0					
11 „	.826	.947	79.8	77.0	2.8	75.9	.879	.88	81.2	83.6	„	0.1					
Oct. 4th-Midnight	.813	.934	79.8	77.0	2.8	75.9	.879	.88	81.0	83.6	N	0.2					
1 a. m.	.809	.930	79.8	77.0	2.8	75.9	.879	.88	81.0	83.5	N b W	0.1					
2 „	.797	.952	79.4	76.0	3.4	74.7	.845	.86	80.8	83.5	„	0.1					
3 „	.794	.949	79.4	76.0	3.4	74.7	.845	.86	80.7	83.4	N	0·0					
4 „	.795	.980	78.5	75.0	3.5	73.5	.815	.86	80.2	83.3	„	0.1					
5 „	.816	29.030	78.0	74.0	4.0	72.4	.786	.83	80.0	83.2	N b E	0.1					
6 „	.828	.042	78.0	74.0	4.0	72.4	.786	.83	79.9	83.1	„	0.1	None.				
7 „	.841	.003	80.0	76.0	4.0	74.4	.838	.84	80.2	83.2	„	0.0					
8 „	.854	28.999	82.0	77.0	5.0	75.0	.855	.80	81.5	83.2	N	0.1		+	10	0	5.9
9 „	.870	29.074	83.8	76.0	7.8	72.8	.796	.70	82.3	83.3	NE b N	0.1					
10 „	.869	.045	85.0	77.0	8.0	73.8	.822	.70	83.5	83.3	NE b E	0.1					
11 „	.844	28.962	87.0	79.0	8.0	76.0	.882	.71	85.0	83.4	NE b N	0.1					

* The observation vitiated.

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ⌐i cirri; ⌐⌐i cirro-cumuli; ⌒i cumuli; ⌣i cirro-strati; ⌒⌣i cumulo-strati; and ⌐⌣i mu.bi.	
4	C	Clouded around hor.; ⌐⌐i here and there in the sky; lightning in E at longer and longer intervals; fresh breezes from E.	Mean daily temperature of ground 20 and 60 inches below its surface 83°7 and 84°3. At 4 P.M. the temperature of dew-point was 79°5, greatest in the month and about 3°3 greater than the normal mean.
8	V	Overcast; ⌣i and ⌐⌐i; lightning in E at times.	
4	V	⌐⌐i and ⌐⌐i scattered about; no lightning was seen after last observation.	
2	V	⌐⌐i and ⌣i in eastern half of the sky.	
2	V	" " "	
1	G	⌣i in the NE and E; slight dew falling.	
2	G	⌣i in the NE and E; ⌐i in the W.	
6	G	Large masses of ⌐⌐i scattered about the sky moving WSW.	1st October was the 40th day on which lightning was observed after sunset.
6	G	" " " "	
4	C	⌒i along the E hor.; ⌐i and fragments of ⌐⌐i in the NW, W and SW.	
4	C	" " "	
5	C	" " "	
4	C	⌐⌐i about the zenith moving slowly to S; ⌒i along E hor.; light mist.	
2	V	⌒i along E hor.; ⌐⌐i scattered about here and there.	
2	V	⌒i and ⌒⌣i scattered along E hor.; ⌣i in SE and S and ⌐⌐i in NW.	
3	V	" " "	
3	V	⌒⌣i and ⌣i in the NE, E and SE extending towards zenith.	
3	V	⌒⌣i and ⌣i in the NE, E and SE extending towards zenith; ⌐⌐i scattered about, threatening appearance in NE.	
8	V	All sorts of clouds collecting in E, gloomy appearance all round; flashes of lightning in E from 6h. 10m.	
5	V	Densely clouded the eastern half of the sky; the western half nearly clear; lightning in NE and E continuous.	
4	V	" " "	
4	V	Clouded around hor.; lightning at intervals in NE, E and SE.	
5	V	" " "	
5	V	" " "	
2	G	⌒⌣i in E and SE; ⌐⌐i around the rest of the hor.; lightning in E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°7 and 84°1. 3rd October was the 41st day on which lightning was observed.
3	C	⌒⌣i in E and SE; ⌐⌐i in the N and NW; ⌐i about the zenith; lightning in E at times.	
3	C	⌒⌣i in E and SE; ⌐⌐i in the N and NW; no ligthning was seen after the last hour; slight dew.	
2	C	⌒⌣i in E and SE; ⌐⌐i in the N and NW; slight dew.	
2	C	" " "	
1	V	⌐⌐i and ⌐i in NE and E; dew falling.	
4	V	⌐⌐i and ⌐i scattered about; clear in hor.	
6	V	" "	
3	V	⌐i in E; ⌐⌐i here and there in the sky.	
6	G	⌐i scattered throughout; ⌐⌐i in E.	
6	G	" "	
6	G	" "	
6	G	" "	
6	C	⌐i and ⌐⌐i throughout the sky; very slight mist.	
7	C	⌐i, ⌐⌐i throughout; ⌣i in E; and ⌒i in NE.	
7	C	⌐i scattered throughout; ⌣i and ⌒i along E hor.	
5	C	" " "	
1	V	⌐i and ⌒i along E hor.	
2	V	" "	
1	V	" "	
1	V	" "	
0	G	Clear.	
0	G	"	
0	G	⌐i in the E.	
0	G	⌐i in the E; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 84°2.
0	C	" "	
0	C	" "	
1	C	⌐i and ⌐⌐i along the E hor.; dew.	
0	C	⌐⌐i in the E; dew.	
1	V	⌐i and ⌐⌐i around the hor; slight dew.	
7	V	⌐i scattered throughout; ⌐⌐i here and there.	
2	V	⌐i and ⌐⌐i scattered about.	
1	V	⌐i and ⌐⌐i about the E hor.	
1	V	" "	
1	V	" "	
1	V	" "	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 6 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Strawson's Volts 1.	Readings of Strawson's Volts 2.	Interval of Time in reaching the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 4th-Noon.	29.824	28.911	88°0	80°0	8°0	77°1	0·913	0.71	85°5	83°5	NNW	0.1					
1 p. m.	.800	.858	89.3	81.0	8.3	78.1	.942	.70	86.2	83.6	NW b N	0.1					
2 „	.768	.826	89.3	81.0	8.3	78.1	.942	.70	86.3	83.7	„	0.3					
3 „	.750	.827	89.0	80.5	8.5	77.4	.923	.70	86.5	83.8	„	0.5					
4 „	.746	.833	88.0	80.0	8.0	77.1	.913	.71	86.3	83.8	„	0.5					
5 „	.765	.883	87.0	79.0	8.0	76.0	.882	.71	86.0	84.0	„	0.4					
6 „	.779	.906	84.0	78.0	6.0	75.7	.873	.77	85.0	83.9	NNW	0.1	None.	None.	None.	None.	None.
7 „	.799	.906	84.0	78.0	6.0	75.7	.873	.77	84.8	83.8	„	0.0					
8 „	.809	.872	83.0	79.0	4.0	77.9	.937	.84	84.3	83.8	N b W	0.0					
9 „	.830	.935	82.0	78.0	4.0	76.5	.895	.86	83.1	83.8	N	0.0					
10 „	.826	.924	81.4	78.0	3.4	76.7	.902	.86	82.3	83.8	E	0.0					
11 „	.819	.977	79.6	76.0	3.6	74.6	.842	.86	81.2	83.7	„	0.0					
Oct. 5th-Midnight	.819	.970	79.0	76.0	3.0	74.8	.849	.88	80.6	83.7	E	0.0					
1 a. m.	.817	.968	79.0	76.0	3.0	74.8	.849	.88	80.5	83.6	„	0.1					
2 „	.811	.955	78.4	76.0	2.4	75.1	.856	.90	80.2	83.5	„	0.1					
3 „	.805	.912	78.5	77.0	1.5	76.4	.893	.94	80.2	83.5	„	0.1					
4 „	.806	.889	80.0	78.0	2.0	77.2	.917	.92	80.9	83.5	N	0.1					
5 „	.825	.941	79.4	77.0	2.4	76.1	.884	.90	80.5	83.4	„	0.1					
6 „	.835	.997	78.2	75.5	2.7	74.4	.838	.89	80.0	83.4	„	0.1					
7 „	.855	.972	80.6	77.3	3.3	76.0	.883	.87	81.0	83.3	N b E	0.1					
8 „	.872	29.057	82.1	76.0	6.1	73.5	.815	.76	81.5	83.2	NE	0.1					
9 „	.870	28.990	83.4	78.0	5.4	75.9	.880	.80	81.8	83.2	NE b E	0.0					
10 „	.874	29.052	85.0	77.0	8.0	73.8	.822	.70	83.8	83.3	„	0.0					
11 „	.867	.020	86.4	78.0	8.4	74.7	.847	.69	85.2	83.3	NW	0.0					
Noon.	.835	28.964	88.0	79.0	9.0	75.6	.871	.68	85.8	83.3	WNW	0.0	None.	None.	None.	None.	None.
1 p. m.	.821	.915	88.6	80.0	8.6	76.8	.906	.69	86.0	83.4	NW b W	0.3					
2 „	.798	.892	88.6	80.0	8.6	76.8	.906	.69	86.1	83.5	„	0.4					
3 „	.780	.838	89.3	81.0	8.3	78.1	.942	.70	86.6	83.6	NW	0.3					
4 „	.776	.831	89.0	81.0	8.0	78.2	.945	.71	86.8	83.7	„	0.3					
5 „	.779	.834	87.0	80.5	6.5	78.2	.945	.76	86.1	83.8	NW b N	0.3					
6 „	.797	.906	84.5	78.5	6.0	76.3	.889	.77	84.7	83.8	„	0.3					
7 „	.814	.933	83.3	78.0	5.3	76.0	.881	.79	83.8	83.8	NNW	0.2					
8 „	.832	.948	83.0	78.0	5.3	76.1	.884	.80	83.5	83.7	„	0.1					
9 „	.837	.944	82.2	78.0	4.2	76.4	.893	.83	82.8	83.7	„	0.0					
10 „	.837	.971	81.0	77.0	4.0	75.4	.866	.84	82.1	83.7	N b W	0.0					
11 „	.827	.985	79.6	76.0	3.6	74.6	.842	.85	81.0	83.7	N	0.0					
Oct. 6th-Midnight	.818	.941	80.0	77.0	3.0	75.8	.877	.88	81.0	83.6	N b E	0.0					
1 a. m.	.817	.968	79.0	76.0	3.0	74.8	.849	.88	80.5	83.5	„	0.1					
2 „	.812	.989	78.2	75.1	3.1	73.8	.823	.87	80.2	83.4	„	0.1					
3 „	.812	29.020	77.2	74.0	3.2	72.7	.792	.87	79.5	83.3	„	0.1					
4 „	.817	.033	76.2	73.5	2.7	72.3	.784	.88	78.7	83.2	„	0.2					
5 „	.833	.035	76.6	74.0	2.6	72.9	.798	.89	78.8	83.1	N	0.1					
6 „	.851	.099	76.8	72.8	4.0	71.0	.752	.83	78.5	82.9	„	0.1					
7 „	.877	.074	79.6	75.0	4.6	73.1	.803	.81	79.6	82.8	NNE	0.1					
8 „	.895	.140	80.5	74.0	6.5	71.2	.755	.74	80.2	82.8	E b N	0.2					
9 „	.903	.139	83.2	75.0	8.2	71.5	.764	.69	81.0	82.8	E	0.0					
10 „	.909	.165	85.0	75.0	10.0	70.7	.744	.64	82.3	82.8	„	0.0					
11 „	.891	.151	85.4	75.0	10.4	70.5	.740	.62	83.2	82.8	„	0.0					
Noon.	.868	.148	87.2	75.0	12.2	69.7	.720	.57	84.5	82.9	N	0.0					
1 p. m.	.855	.069	88.3	77.0	11.3	72.4	.786	.60	85.1	83.1	NW b N	0.3	None.	None.	None.	None.	None
2 „	.832	.029	89.2	77.7	11.5	73.1	.803	.60	86.0	83.2	„	0.2					
3 „	.822	28.974	89.3	78.8	10.5	74.8	.848	.63	86.4	83.3	„	0.1					
4 „	.822	.962	89.0	79.0	10.0	75.2	.860	.65	86.2	83.4	„	0.2					
5 „	.833	.993	87.0	78.0	9.0	74.5	.840	.67	85.6	83.5	„	0.3					
6 „	.842	.972	84.3	78.0	6.3	75.6	.870	.76	84.2	83.5	NNW	0.2					
7 „	.854	.961	83.3	78.3	5.0	76.4	.893	.80	83.8	83.5	„	0.3					
8 „	.869	.961	82.8	78.5	4.3	76.9	.908	.83	83.0	83.5	„	0.2					
9 „	.880	.983	81.8	78.0	3.8	75.6	.897	.85	82.1	83.5	„	0.0					
10 „	.887	29.051	80.2	76.0	4.2	74.3	.836	.83	81.0	83.5	NNE	0.0					
11 „	.882	.074	79.2	75.0	4.2	73.3	.808	.83	80.3	83.4	„	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌐i cirri; ∿i cirro-cumuli; ∩i cumuli; ⌣i cirro-strati; ∩⌣i cumulo-strati; and ∿⌣i nimbi.	
2	V	⌐i and ∿i about the E hor.	
3	C	∩i and ⌐i scattered about the E hor.	
3	C	" " "	
4	C	⌐i and ∩i scattered in the eastern half of the sky.	
4	C	" " "	
1	V	⌐i and ∿i scattered about the E hor.	
1	V	" "	
0	V	" "	
0	V	Cloudless.	
0	D	"	
0	D	"	
0	D	"	
0	D	A few clouds in the E.	Mean daily temperature of ground 20 and 60 inches below its surface 85°0 and 84°2.
2	C	∿i along the E hor. and ⌐i in the W; dew falling.	
4	C	" " "	
6	C	∿i scattered throughout; dew falling copiously.	
4	C	" " "	
3	B	" " "	
2	B	∿i scattered about the E hor.; dew falling.	
1	B	∿i in the E; mist in W.	
2	B	∿i scattered around hor.; mist in W.	
2	D	" "	
1	D	" "	
4	D	" "	
3	D	" "	
5	C	" "	
4	C	" "	
1	C	" "	
0	C	∿i and ⌐i in NE, E and SE hor.; very light mist.	
1	B	⌐i in the E hor.; very light mist.	
0	B	" "	
0	B	Cloudless.	
0	B	A few ∿i in the SE.	
0	D	" "	
0	D	Cloudless.	
0	D	"	
0	D	Clear; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 84°2.
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
5	B	∿i scattered about the sky; dew falling.	
5	B	∿i scattered about the sky; dew falling; mist in W.	
4	B	∿i and ⌐i scattered about; black mist in W hor.	
2	B	∿i and ⌐i scattered about; black mist around.	
3	D	⌐i scattered about; very light mist.	
4	D	" "	
3	D	" "	
3	D	" "	
4	C	∿i in the E; ⌐i here and there.	
4	C	" "	
5	C	⌐i scattered about; light mist in E and W.	
5	C	⌐i scattered about; ∩i in E; mist.	
3	B	⌐i and ⌣i along the hor. from NE to S.	
2	B	" " "	
1	B	⌐i in the E hor.	
0	B	Cloudless.	
0	D	"	
0	D	"	
0	D	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 7th-Midnight	29.881	29.101	78°5	74°0	4°5	72°2	0.780	0·82	79°3	83°3	NNE	0.0					
1 a. m.	.875	.083	77·2	74.0	3.2	72.7	.792	.87	79.2	83.2	,,	0.0					
2 ,,	.866	·074	77.2	74.0	3.2	72.7	.792	.87	79.0	83.1	,,	0.0					
3 ,,	.862	28.982	78.7	76.7	2.0	75.9	.880	.92	80.0	83.0	N b E	0.0					
4 ,,	.868	29·005	77.7	76.0	1.7	75.3	.863	.93	79.4	82.9	,,	0.1					
5 ,,	.884	·024	78.0	76·0	2.0	75.2	.860	.92	79.2	82.8	NNE	0.1					
6 ,,	.906	·074	77.0	75.0	2.0	74.2	.832	.91	78.6	82.6	,,	0.1					
7 ,,	.928	.068	78.8	76.2	2.6	75.2	.860	.89	79.3	82.6	,,	0.1					
8 ,,	.941	.090	81.0	76.6	4.4	74.9	.851	.82	80.5	82.6	NE b N	0.2					
9 ,,	.938	.122	82.0	76.0	6.0	73.6	.816	.77	81.0	82.7	NE b E	0.0					
10 ,,	.932	·123	82.6	76.0	6.6	73.3	.809	.75	81.2	82.8	,,	0.0					
11 ,,	.907	.049	85.4	78.0	7.4	75.1	.858	.72	82·5	82.8	NE	0.0					
Noon.	.882	.006	87.5	79.0	8.5	75 8	.876	.70	84.8	82.8	N b W	0.1	None.	None.	None.	None.	None.
1 p. m.	·858	28.945	88.0	80.0	8.0	77.1	.913	.71	85.2	83.0	NW b W	0.3					
2 ,,	·833	·922	88.2	80.0	8.2	77.0	.911	.70	85.6	83.1	W b N	0.4					
3 ,,	·817	·883	88.0	80.5	7.5	77.8	.934	.73	85.6	83.2	,,	0.3					
4 ,,	·815	.891	87·0	80.0	7.0	77.5	.924	.74	85.4	83.2	WNW	0.4					
5 ,,	·822	.918	85.0	79.0	6.0	76.8	.904	.77	84.7	83.4	,,	0.4					
6 ,,	·831	.939	83.0	78.2	4.8	76.4	.892	.81	83.3	83.4	NW b W	0.4					
7 ,,	·850	.961	82.5	78.0	4.5	76.3	.889	.81	83.0	83.4	NW	0.3					
8 ,,	·870	·992	81.4	77.4	4.0	75.9	.878	.84	82.2	83.4	NW b N	0.2					
9 ,,	.874	29.006	80.8	77.0	3.8	75.5	.868	.85	81.8	83.4	NW	0.1					
10 ,,	.877	·009	80.8	77.0	3.8	75.5	.868	.85	81.4	83.3	,,	0.0					
11 ,,	.870	28·997	80.4	77.0	3.4	75.7	.873	.86	81.0	83.3	,,	0.0					
Oct. 8th-Midnight	.855	.978	80.0	77.0	3.0	75.8	.877	.88	80.8	80.0	NW	0.1					
1 a. m.	.852	.959	80.0	77.4	2.6	76·4	·893	.89	80.8	80.0	,,	0.0					
2 ,,	.841	.953	79.0	77.0	2.0	76.2	·888	.92	80.7	83.1	NW b N	0.2					
3 ,,	.839	.978	78.3	76.1	2.2	75.2	.861	.91	80.5	83.0	,,	0.1					
4 ,,	.044	.984	78.0	76·0	2.0	75.2	.860	.92	80·0	82.9	,,	0.1					
5 ,,	.864	29.030	77.6	75.2	2.4	74.3	·834	.90	79.2	82.8	NNW	0.3					
6 ,,	.888	.060	77.4	75.0	2.4	74.0	·828	.90	79.0	82.6	NNE	0.2					
7 ,,	.908	.065	79.5	76.0	3.5	74.6	·843	.86	79.8	82·6	NE b N	0.3					
8 ,,	.921	.055	81.0	77.0	4.0	75.4	·866	.84	80.5	82.6	,,	0.2					
9 ,,	.918	.106	82.4	76.0	6.4	73.4	·812	.75	80.8	82.6	,,	0.1					
10 ,,	.913	.119	84.0	76.0	8.0	72.8	·794	.70	81.4	82.7	,,	0.1					
11 ,,	.891	28.991	85.4	79.0	6.4	76.6	·900	.76	82.2	82.7	NW b W	0.1					
Noon.	.863	29.016	86.4	78.0	8.4	74.7	.847	.69	84.1	82.8	,,	0.1	None.	None.	None.	None.	None.
1 p. m.	.847	28.967	87.2	79.0	8.2	75.9	.880	.70	84.7	82.9	,,	0.4					
2 ,,	.829	.943	88.1	79.4	8.7	76.1	.886	.69	85.1	83.1	,,	0.3					
3 ,,	.816	.907	88.4	80.0	8.4	76.9	.909	.70	85.7	83.2	NW	0.5					
4 ,,	.819	.943	87.5	79.0	8.5	75.8	.876	.69	85.5	83.2	,,	0.5					
5 ,,	.827	.967	85.2	78.0	7.2	75.2	.860	.73	85.0	83.3	NW b W	0.5					
6 ,,	.830	.946	83.0	78.0	5.0	76.1	.884	.80	83.4	83.3	NW	0.6					
7 ,,	.851	.974	81.9	77.5	4.4	75.8	.877	.83	82.7	83.2	NW b N	0·5					
8 ,,	.875	·989	81.0	77.5	3.5	76.1	.886	.86	82.0	83.2	NNW	0.3					
9 ,,	.880	29.001	80.2	77.1	3.1	75.9	.879	.87	81.5	83.2	,,	0.1					
10 ,,	.878	28.999	80.2	77.1	3.1	75.9	.879	.87	81.3	83.1	,,	0.1					
11 ,,	.868	.991	80.0	77.0	3.0	75.8	.877	.88	81.0	83.0	NW b N	0.1					
Oct. 10th-Midnight	.856	.983	80.4	77.0	3.4	75.7	.873	.86	80.9	83.4	N b W	0.2					
1 a. m.	.841	.927	80.3	78.0	2.3	77.1	.914	.90	80·9	83.3	,,	0.3					
2 ,,	.836	.928	79.7	77.7	2.0	76.9	.908	.92	80.7	83.2	N	0.2					
3 ,,	.828	.936	79.4	77.2	2.2	76.4	.892	·91	80.7	83·2	,,	0.2					
4 ,,	.824	.936	79.0	77.0	2.0	76.2	.888	.92	80.4	83.1	N b E	0.3					
5 ,,	.837	.975	78.6	76.2	2.4	75.3	.862	.90	80.0	83.0	N	0.1	None.	None.	None.	None.	None.
6 ,,	.878	29.052	77.5	75·0	2 5	74.0	.826	.89	79·0	82.9	E	0.2					
7 ,,	.891	.067	78.5	75.2	3.3	73.9	.824	.86	79.3	82.7	,,	0.2					
8 ,,	913	.087	81.1	76.0	5.1	74·0	.826	.80	80.4	82.7	,,	0.2					
9 ,,	.918	.148	82.6	75.0	7.6	71.8	.770	.72	81.7	82.8	N	0.0					
10 ,,	.915	.125	84.4	76.0	8.4	72.6	.790	.69	83.5	82.8	N b W	0.0					
11 ,,	.899	.168	86.2	75.0	11.2	70.2	·731	.60	84.0	82.8	,,	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ∪ cirro-strati; ∩∪ cumulo-strati; and ≀∪ nimbi.	
0	D	Clear; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 84°1.
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
5	B	≀≀ scattered about; copious fall of dew.	
2	B	≀ and ≀≀ about the hor.; fog in E.	
1	B	≀≀ in E and ≀ in S; fog in E and SE.	
0	B	A few ≀ above the E hor.	
0	D	A few ≀ above the E hor.; light mist around hor.	
0	D	" " "	
0	D	" " "	
1	D	≀ in E, SE and S; ≀≀ in E above hor.; light mist.	
1	C	≀ around the hor.; light mist.	
1	C	" "	
1	C	" "	
1	C	" "	
0	B	A few ≀ around hor.; light mist in E.	
0	B	" "	
0	B	Clear.	
0	B	"	
0	D	"	
0	D	"	
0	D	Clear; dew falling.	
0	D	Clear; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 84°1.
0	C	" "	
1	C	≀ in the E.; copious fall of dew.	
2	C	≀ and ≀≀ scattered about the hor. in E, S and W; dew.	
2	C	" " "	
5	B	≀ in E and SE; ≀≀ scattered around the hor.; dew.	
4	B	≀ in E and SE; ≀≀ scattered around the hor.; fog in E.	
3	B	≀ in E and SE; ≀≀ scattered around the hor.; mist in W.	
1	B	≀≀ in the E, NE and W; light mist.	
0	D	≀≀ in the N and E; mist.	
0	D	" "	
0	D	" "	
0	D	" "	
0	C	A few clouds in the E; mist.	
0	C	A few clouds in the E; light mist.	
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
0	C	Clear.	
0	C	A few ≀≀ in the S.	
0	C	A few ≀≀ in the S; slight dew.	
0	C	" "	
3	C	≀≀ scattered about; dew.	
5	D	≀≀ scattered about the sky; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 84°1.
3	C	" " "	
2	C	" " "	
3	C	" " "	
3	C	" " "	
5	B	" " "	
7	B	≀≀ scattered throughout; fog in E.	
7	B	" "	
3	B	≀≀ scattered about; mist in W hor.	
0	D	≀≀ in the NE and E; mist in hor.	
0	D	Cloudless; light mist in hor.	
0	D	A few ≀≀ in the E; light mist.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 10th-Noon.	29.873	29.114	87°2	76°0	11°2	71°3	0.759	0.60	84.7	82°9	N b W	0.3					
1 p. m.	.844	.061	88.5	77.0	11.5	72.3	.783	.60	85·7	83.1	NW	0.4					
2 ,,	.821	.005	89.2	78.0	11.2	73.6	.816	.61	86.2	83.2	NW b N	0.5					
3 ,,	.809	28.986	88.5	78.0	10.5	73.8	.823	.63	86·5	83.3	,,	0.4					
4 ,,	.809	.950	87.2	78.5	8.7	75.2	.859	.68	86.1	83.3	NW	0.3					
5 ,,	.815	29.013	86.8	77.0	9.8	73.1	.802	.65	85.7	83·4	NW b N	0·5					
6 ,,	.827	.016	83.2	76.2	7.0	73.4	.811	.73	83.7	83.4	,,	0.4	None.			None.	
7 ,,	.849	28.994	82.7	77.2	5.5	75.0	.855	.78	83.2	83.4	NNW	0.3					
8 ,,	.870	29.018	82.3	77.0	5.3	74·9	.852	.79	82.7	83.4	N b W	0.2		+	1		Above 10m.
9 ,,	.872	.012	81.5	77.0	4.5	75.2	.860	.82	82.1	83.4	,,	0.2		+	1		Above 10m.
10 ,,	.867	.068	80.0	75.0	5.0	73.0	.799	.80	80.8	83.4	,,	0.0					
11 ,,	.859	.117	78.4	73.0	5·4	70.6	.742	.78	80.0	83.3	,,	0.0					
Oct. 11th-Midnight	.845	.143	78.6	72.0	6.6	68.9	.702	.74	79.6	83.3	N b W	0.2					
1 a. m.	.839	.056	78.3	74.0	4 3	72.3	.783	.82	79.6	83.2	NW b N	0.3					
2 ,,	.831	.021	79.0	75.0	4.0	73.3	.840	.84	79.6	83.1	,,	0.1					
3 ,,	.824	.022	78·0	74.5	3.5	73.1	.802	.85	79.4	83.1	N b W	0 2					
4 ,,	.829	28.993	78.0	75.4	2·6	74.3	.836	.89	79.4	83.0	,,	0.2					
5 ,,	.841	29.016	77.6	75.0	2.6	73.9	.825	.89	79.0	82.9	,,	0.3					
6 ,,	.878	.112	76.8	73.2	3.6	71.6	.766	.85	78.2	82.7	N b E	0.2					
7 ,,	.905	.161	78.2	73.0	5.2	70.7	.744	.79	78.9	82.5	NE b E	0.1					
8 ,,	.927	.246	80.5	72.0	8.5	68.0	.681	.67	80.2	82.5	,,	0.1					
9 ,,	.925	.152	82.4	75.0	7.4	71.9	.773	.71	80.8	82.8	ENE	0.0					
10 ,,	.918	.174	85.0	75.0	10.0	70.7	.744	.64	82.7	82.9	N	0.0					
11 ,,	.897	.131	86.5	76.0	10.5	71.6	.766	.62	83.8	83.0	NE b N	0.0	None.				
Noon.	.866	.146	87.2	75.0	12.2	69.7	.720	.57	84.3	83.0	NNW	0.2		None.	None.	None.	None.
1 p. m.	.847	.058	88.0	77.0	11·0	72.6	.789	.61	85.4	83.1	NW	0.3					
2 ,,	.828	.054	89.4	77.0	12.4	71.9	.774	.57	86.1	83.2	NW b N	0.4					
3 ,,	.816	.038	89.0	77.0	12.0	72.1	.778	.59	86.3	83.2	NW	0.4					
4 ,,	.814	.019	88.2	77.2	11·0	72.8	.795	.61	86.0	83.3	,,	0·4					
5 ,,	.827	.075	87.8	76.0	11.8	71.0	.752	.59	85.7	83.4	,,	0·5					
6 ,,	.845	.021	83.0	76.5	6.5	73.9	.824	.75	83.0	83.4	,,	0.4					
7 ,,	.866	.017	82.5	77.0	5.5	74.8	.849	.78	82.6	83.4	,,	0.3					
8 ,,	.883	.017	81.0	77.0	4.0	75.4	.866	.84	81.8	83·4	,,	0.2					
9 ,,	.889	.051	80·6	76.0	4.0	74.4	.838	.84	81.2	83.4	,,	0.1					
10 ,,	.889	.054	80.3	76.0	4.3	74.3	.835	.83	81.0	83.4	,,	0.1					
11 ,,	.886	.048	80.0	76.0	4.0	74.4	.838	.84	80.4	83.4	,,	0.0					
Oct. 12th-Midnight	.874	.034	79·8	76.0	3.8	74.5	.840	.85	80.4	83.4	NW	0.1					
1 a. m.	.863	28.979	79.4	77·0	2.4	76.1	.884	.90	80.4	83.3	NW b W	0.1					
2 ,,	.859	.975	79.4	77·0	2.4	76 1	.884	.90	80.4	83·3	,,	0.2					
3 ,,	.852	.964	79.0	77.0	2.0	76.2	.888	.92	80.3	83·2	,,	0.1					
4 ,,	.848	.960	79.0	77.0	2.0	76.2	.888	.92	80.3	83·1	,,	0.1					
5 ,,	.854	.997	78.3	76.0	2.3	75.1	.857	.90	79.5	83.0	,,	0.1					
6 ,,	.883	29.046	77.3	75.2	2.1	74.4	.837	.91	78.5	82.8	,,	0.1					
7 ,,	.908	.059	79.0	76.0	3.0	74.8	.849	.88	79.6	82.6	NE b E	0.4					
8 ,,	.925	.151	80.6	74.5	6.1	71.9	.774	.76	80.5	82.6	,,	0.2					
9 ,,	.932	.155	82.0	75.0	7.0	72.0	.777	.73	81.3	82.7	,,	0.0					
10 ,,	.926	.125	83.4	76.0	7.4	73.0	.801	.72	82.0	82.8	,,	0.0					
11 ,,	.908	.164	85.0	75.0	10.0	70.7	.744	.64	83.2	82.8	NW	0.0	None.				
Noon.	.875	.146	86.4	75.0	11.4	70.1	.729	.59	83.8	82.8	WNW	0.1		None.	None.	None.	None.
1 p. m.	.856	.071	87.3	76.7	10.6	72.4	.785	.62	84.8	82.9	,,	0.3					
2 ,,	.830	.011	87.8	77.7	10.1	73.7	.819	.64	85.5	83.1	NW b W	0.3					
3 ,,	.819	28.990	88.0	78.0	10.0	74.1	.829	.65	86.0	83.2	WNW	0.4					
4 ,,	.817	.992	87.2	77.7	9.5	73.8	.825	.66	85.8	83.3	,,	0.3					
5 ,,	.827	29.055	87.0	76.3	10.7	71.8	.772	.62	85.6	83·3	,,	0.4					
6 ,,	.834	.029	83.0	76.0	7.0	73.2	.805	.73	83.0	83.3	,,	0.5					
7 ,,	.862	.027	82.0	76.5	5.5	74.3	.835	.78	82.4	83.3	,,	0.4					
8 ,,	.883	.023	81.5	77.0	4.5	75.2	.860	.82	82.0	83.3	,,	0.2					
9 ,,	.888	.059	80.8	76.0	4.8	74.1	.829	.81	81.2	83.3	,,	0.0					
10 ,,	.875	.039	80.2	76.0	4.2	74.3	.836	.83	80.8	83.3	,,	0·0					
11 ,,	.868	.069	80.0	75.0	5.0	73.0	.799	.80	80.4	83·3	,,	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌒ cirro-strati; ∩⌒ cumulo-strati; and ⌒ nimbi.	
1	C	≀ scattered along the E hor.	
1	C	" "	
1	C	" "	
1	C	" "	
1	C	" "	
1	B	≀ scattered from N to SE hor.	
2	B	" "	
4	B	≀ scattered about the sky.	
2	B	" "	
2	D	≀ scattered about the sky; dew falling.	
1	D	≀ around hor.; dew.	
0	D	" "	
0	D	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 84°2.
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
5	B	≀ and ≀≀ scattered about; dew.	
6	B	" "	
5	B	≀ and ≀≀; the latter moving W; mist.	
2	B	≀ and ≀≀ around hor.; mist.	
1	D	" "	
2	D	" "	
1	D	≀≀ from N to SE; light mist.	
0	D	A few ≀≀ in the E; light mist.	
0	C	" "	
0	C	" "	
0	C	" "	
0	C	A few ≀≀ in the E and ≀ in the S.	
4	B	≀ scattered about the sky; ≀≀ in the E.	
5	B	" " "	
2	B	≀ about the hor.	
0	B	≀ in the E above hor.	
0	D	" "	
3	D	≀ scattered about the sky.	
2	D	≀ and ≀≀ around hor.	
5	D	≀≀ scattered about the sky; dew falling.	
7	C	D ≀≀ scattered throughout moving WSW; dew.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 84°2.
7	C	" " "	
7	C	" " "	
6	C	" " "	
5	B	≀ and ≀≀ scattered about the sky; dew.	
3	B	≀≀ in the N and W; ≀ scattered about here and there.	
1	B	≀ about the hor.; ≀≀ in the N; light mist.	
0	B	A few ≀ in the E and SE hor.; light mist.	
0	D	" " "	
2	D	≀ along the hor. from N to SSE.	
2	D	" "	
2	D	" "	
2	C	" "	
3	C	≀≀ in E; ≀ around the rest of the hor.	
3	C	≀ and ≀≀ scattered about the hor.	
3	C	" "	
3	B	≀ around hor.; thin mist in E.	
6	B	≀ scattered throughout.	
3	B	" "	
1	B	≀ about the hor.; dew.	
1	D	" "	
0	D	Clear; dew.	
0	D	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds during the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 13th-Midnight	29.856	29.011	79·4	76·0	3·4	74·7	0.845	0.86	80·3	83·3	NW b W	0.2					
1 a. m.	.840	28.980	79.0	76.3	2.7	75.2	.860	.89	80.3	83.3	NW	0.1					
2 „	.832	.974	78.2	76.0	2.2	75.1	.858	.91	80.0	83.2	NW b N	0.1					
3 „	.829	.979	77·5	75.6	1.9	74.8	.850	.92	79.5	83.1	„	0.1					
4 „	.835	.985	77.5	75.6	1.9	74.8	.850	.92	79.4	82.9	„	0.1					
5 „	.850	29·021	77.3	75.0	2.3	74.1	.829	.90	79.0	82.7	NNW	0.1					
6 „	.870	.049	76.6	74·6	2.0	73.8	.821	.91	78.6	82.6	N	0.1					
7 „	.893	.075	78.3	75.0	3.3	73.6	.818	.86	79.3	82.5	N b E	0.2					
8 „	.913	.097	80.2	75.5	4.7	73.6	·816	.81	80.2	82.5	NNE	0.1					
9 „	.920	.095	81.2	76.0	5.2	73.9	.825	.79	81.0	82.4	„	0.0					
10 „	.920	.108	82.4	76.0	6.4	73·4	.812	·75	81.2	82.4	„	0.0					
11 „	.898	.134	83.2	75.0	8.2	71.5	.764	.69	82.0	82.4	N b W	0.1	None.	None.	None.	None.	None.
Noon.	.868	.089	85.4	76.0	9.4	72.1	.779	.66	83.2	82.4	NW	0.2					
1 p. m.	.847	28.992	86.4	78.2	8.2	75.0	.855	.70	84.0	82.6	WNW	0.4					
2 „	.824	.963	86.6	78.4	8.2	75.2	.861	.70	84.5	82.8	„	0.6					
3 „	.817	.997	87.0	77.5	9.5	73.7	.820	.66	85.0	82.9	NW b W	0.5					
4 „	.817	29.001	86.4	77.3	9.1	73.6	.816	.67	84.8	83.0	„	0.5					
5 „	.823	.037	85.5	76.2	9.3	72.4	.786	.66	84.2	83.0	WNW	0.5					
6 „	.832	28.977	82.0	77.0	5.0	75.0	.855	.80	82.3	83.0	„	0.5					
7 „	.852	29.023	80.8	76.0	4.8	74.1	.829	.81	81.5	83.0	„	0.3					
8 „	.874	.036	80.0	75.0	4.0	74.4	.838	.84	80·7	83.0	NW b W	0.2					
9 „	.882	.037	79.4	76.0	3.4	74.7	.845	.82	80.0	83·0	NNW	0.0					
10 „	.877	.067	79.0	75.0	4.0	73.3	.810	.84	79.8	82.9	„	0.0					
11 „	.875	.054	78.0	75·0	3.0	73.8	.821	.87	79·5	82.9	„	0.0					
Oct. 14th-Midnight	.871	.057	78.6	75.0	3.6	73·5	·814	.85	78.8	82.8	NNW	0.0					
1 a. m.	.866	.036	77.2	75.0	2.2	74.1	.830	.91	78.7	82.7	„	0.0					
2 „	.858	.050	76.4	74.2	2.2	73.3	·808	.91	78.6	82.6	„	0·1					
3 „	.857	.052	76.0	74.0	2.0	73.2	·805	.91	78.3	82.6	„	0.0					
4 „	.868	.082	75.4	73.3	2.1	72·4	·786	.91	78.0	82.5	„	0.0					
5 „	.890	.136	74.6	72.2	2.4	71.1	·754	.90	77.0	82.4	„	0.0					
6 „	.918	.201	74.0	71.0	3.0	69.6	·717	.87	76.2	82.2	„	0.1					
7 „	.937	.180	77.0	73·0	4.0	71.2	·757	.83	77.6	82.0	„	0.1					
8 „	.957	.129	80.0	75.5	4.5	73.6	·818	.82	79.3	81.9	N b E	0.1					
9 „	.966	.171	80.4	75.0	5.4	72.8	·795	.78	80.6	81.9	NNE	0.0					
10 „	.960	.139	81.5	76.0	5.5	73.8	·821	.78	80.8	81.9	„	0.0					
11 „	.935	.095	83.4	77.0	6.4	74.5	·840	·75	81.5	81.9	WNW	0.1	None.	None.	None.	None.	None.
Noon.	.909	.038	84.2	78.0	6.2	75.6	·871	·76	83.2	81.9	„	0.2					
1 p. m.	.890	.028	85.0	78.0	7.0	75.3	·862	.74	83.3	82.0	NW b W	0.3					
2 „	.870	28.998	85.6	78.4	7.2	75.6	·872	·73	83.4	82.2	„	0.3					
3 „	.853	.982	85.7	78.4	7.3	75.6	·871	·73	83.8	82.3	NW	0.4					
4 „	.852	.978	85·4	78.4	7.0	75.7	·874	.74	83.8	82.4	„	0.6					
5 „	.864	.992	82.6	77.6	5.0	75.6	·872	.80	82.5	82.5	NW b N	0.6					
6 „	.882	29.012	80.6	77.0	3.6	75.6	·870	.85	81.6	82.5	NNW	0 5					
7 „	.892	.015	80.0	77.0	3.0	75.8	·877	.88	81.0	82.5	„	0.4					
8 „	.918	.028	79.6	77.2	2.4	76.3	·890	.90	80.6	82.5	„	0.4					
9 „	.937	.016	79.6	78.0	1.6	77.4	·921	.93	80 5	82.4	„	0.2					
10 „	.933	.008	79.3	78.0	1.3	77.5	·925	.95	80.2	82.4	„	0.1					
11 „	.929	.001	79·0	78.0	1.0	77.6	·928	.96	80.1	82.4	„	0.2					
Oct. 15th-Midnight	.917	.015	78.5	77.2	1.3	76.7	.902	.95	80.1	82.4	NNW	0.1					
1 a. m.	.892	.031	77.8	76.0	1.8	75·3	.862	.92	79.0	82.4	„	0.0					
2 „	.881	.056	77.6	75·0	2.6	73.9	.825	.89	79.0	82.4	„	0.0					
3 „	.885	.053	77.0	75.0	2.0	74.2	.832	.91	78.2	82 3	„	0.0					
4 „	.889	.057	77.0	75.0	2·0	74.2	.832	.91	78.0	82.3	„	0.0					
5 „	.907	.071	76.6	75.0	1.6	74.3	.836	.93	77.8	82·2	N b W	0.0	None.	None.	None.	None.	None.
6 „	.936	.092	76.3	75.1	1.2	74.6	.844	.95	77.5	82.0	„	0·1					
7 „	.952	.092	78.0	76.0	2.0	75.2	·860	.92	78·6	81.9	„	0.2					
8 „	.965	.106	80.2	76.6	3.6	75 2	·859	.85	80.0	81.9	N b E	0.1					
9 „	.975	.117	81.7	77.0	4.7	75·1	·858	.81	81.0	81.8	„	0.0					
10 „	.970	.082	82.6	78.0	4.6	76.2	·883	.82	81.4	81.8	„	0.1					
11 „	.946	.066	83.4	78.0	5.4	75 9	·880	.79	82.5	81.8	NNW	0.1					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩≀ cumuli; ⌣≀ cirro-strati; ∩⌣≀ cumulo-strati; and ≀≀≀ nimbi.	
0	D	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°9 and 84°2.
0	C	≀ in the W; dew.	
2	C	≀ in the E and W; copious fall of dew.	
2	C	" "	
1	C	" "	
3	B	≀ scattered about; dew.	
3	B	" "	
1	B	≀ scattered about the hor.; fog in E and NE.	
0	B	A few ≀ in the SE and SW; mist.	
0	D	" "	
1	D	≀ in the E, SE, S and SW hor.	
2	D	" "	
2	D	≀ around the hor.; ≀≀ in SE and E; mist.	
2	C	" " "	
1	C	" " "	
0	C	≀ in W; ≀≀ in the E and SW; hazy.	
0	C	" "	
0	B	≀≀ in the E and SW hor.; haze.	
0	B	" "	
0	B	Cloudless.	
0	B	Cloudless; dew falling.	
0	D	" "	
0	D	" "	
0	D	" "	
0	D	Clear; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 84°2.
0	C	" "	
0	C	≀ in the W above hor.; copious fall of dew.	
0	C	" " "	
3	C	≀ in the W and S; dew.	
5	B	≀ scattered about the sky; dew.	
7	B	≀ and ≀≀ scattered throughout; fog on the eastern hills.	
7	B	" " "	
7	B	" " "	
5	D	≀ scattered about; mist in E and W hor.	
6	D	≀ scattered throughout; mist.	
5	D	" "	
6	D	" "	
6	C	≀ scattered throughout; ≀≀ in the E and W; hazy around hor.	
6	C	" " "	
6	C	" " "	
6	C	" " "	
6	B	≀ scattered throughout; mist.	
6	B	" "	
4	B	≀ scattered throughout; mist; dew.	
7	B	" "	
7	C	≀ and ≀≀ scattered throughout; dew	
6	C	" " "	
8	C	≀≀ scattered throughout moving S; slight dew.	
6	C	≀≀ scattered throughout moving rapidly S; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 84°2.
7	D	" " "	
4	D	" " "	
3	D	" " "	
5	D	" " "	
7	B	≀ and ≀≀ scattered throughout; dew.	
6	B	≀ and ≀≀ scattered throughout; fog in E; mist in W.	
5	B	" " "	
4	B	" " "	
2	D	≀≀ around the hor.; mist in hor.	
2	D	" "	
3	D	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 15th-Noon.	29.912	29.039	84°0	78°0	6°0	75°7	0.873	0.77	82°2	81°8	NNW	0.3					
1 p. m.	.890	.024	84.6	78.0	6.6	75.4	.866	.75	82.6	82.0	NW b W	0.3					
2 „	.867	.005	85.0	78.0	7.0	75.3	.862	.74	82.9	82.2	„	0.5					
3 „	.855	28.992	85.3	78.1	7.2	75.3	.863	.73	83.2	82.3	NW	0.4					
4 „	.853	.987	85.4	78.2	7.2	75.4	.866	.73	83.3	82.4	NW b N	0.4					
5 „	.862	29.013	82.5	77.0	5.5	74.8	.849	.79	81.8	82.4	„	0.1	None.	None.	None.	None.	None.
6 „	.873	.000	80.4	77.0	3.4	75.7	.873	.86	80.7	82.4	NNW	0.1					
7 „	.892	.015	80.0	77.0	3.0	75.8	.877	.88	80.3	82.4	NW b N	0.2					
8 „	.907	.028	79.8	77.0	2.8	75.9	.879	.88	80.1	82.4	„	0.1					
9 „	.913	.068	79.4	76.0	3.4	74.7	.845	.86	80.0	82.4	„	0.0					
10 „	.914	.026	79.0	77.0	2.0	76.2	.888	.92	79.5	82.4	„	0.1					
11 „	.911	.062	79.0	76.0	3.0	74.8	.849	.88	79.4	82.4	„	0.1					
Oct. 17th-Midnight	.874	.018	78.4	76.0	2.4	75.1	.856	.90	79.6	82.4	N b E	0.0					
1 a. m.	.862	28.994	79.0	76.5	2.5	75.5	.868	.90	79.9	82.4	„	0.2					
2 „	.849	.987	78.6	76.2	2.4	75.3	.862	.90	79.8	82.4	„	0.1					
3 „	.845	.963	78.8	76.8	2.0	76.0	.882	.92	79.8	82.3	„	0.1					
4 „	.846	.951	78.4	77.0	1.4	76.5	.895	.94	79.5	82.3	„	0.1					
5 „	.861	29.029	77.0	75.0	2.0	74.2	.832	.91	78.6	82.1	„	0.0					
6 „	.888	.096	75.5	73.5	2.0	72.7	.792	.91	77.2	81.9	„	0.1					
7 „	.902	.089	77.3	74.6	2.7	73.5	.813	.89	78.2	81.7	„	0.1					
8 „	.916	.078	80.0	76.0	4.0	74.4	.838	.84	79.6	81.7	NE b N	0.1					
9 „	.926	.145	81.6	75.0	6.6	72.2	.781	.74	80.3	81.7	NE b E	0.0					
10 „	.926	.086	83.4	77.0	6.4	74.5	.840	.75	81.2	81.7	ENE	0.0					
11 „	.900	.158	85.2	75.0	10.2	70.7	.742	.63	82.3	81.7	„	0.0	None.	None.	None.	None.	None.
Noon.	.872	.122	88.0	76.0	12.0	71.0	.750	.58	84.0	81.7	„	0.0					
1 p. m.	.855	.052	90.4	78.0	12.4	73.1	.803	.58	85.7	82.0	N b W	0.2					
2 „	.828	28.976	91.7	79.5	12.2	74.9	.852	.59	86.5	82.2	NNW	0.1					
3 „	.815	.940	91.5	80.0	11.5	75.8	.875	.61	86.8	82.4	„	0.3					
4 „	.810	.926	90.7	80.0	10.7	76.1	.884	.63	86.5	82.6	NW	0.2					
5 „	.820	.914	86.8	79.5	7.3	76.8	.906	.73	85.0	82.8	NW b W	0.3					
6 „	.840	.992	82.6	77.0	5.6	74.8	.848	.78	82.5	82.8	„	0.5					
7 „	.859	29.038	81.5	76.0	5.5	73.8	.821	.79	81.0	82.8	NNW	0.4					
8 „	.884	.063	81.5	76.0	5.5	73.8	.821	.79	81.0	82.8	„	0.3					
9 „	.894	.106	81.0	75.0	6.0	72.5	.788	.76	81.3	82.8	„	0.0					
10 „	.897	.136	80.0	74.0	6.0	71.4	.761	.76	80.1	82.8	„	0.0					
11 „	.890	.056	80.4	76.0	4.4	74.3	.834	.82	80.4	82.8	„	0.0					
Oct. 18th-Midnight	.882	.083	80.0	75.0	5.0	73.0	.799	.80	80.2	82.7	N b E	0.0					
1 a. m.	.871	.065	79.4	75.0	4.4	73.2	.806	.82	80.2	82.6	„	0.1					
2 „	.864	.077	78.6	74.2	4.4	72.5	.787	.82	80.0	82.6	„	0.1					
3 „	.845	.036	78.0	72.0	6.0	69.2	.709	.76	79.5	82.5	„	0.1					
4 „	.843	.148	78.0	71.6	6.4	68.6	.695	.74	79.3	82.4	NE b N	0.2					
5 „	.854	.165	78.2	71.5	6.7	68.3	.689	.73	79.3	82.4	„	0.5					
6 „	.878	.175	78.5	72.0	6.5	69.0	.703	.74	79.3	82.2	„	0.3					
7 „	.894	.170	80.0	73.0	7.0	69.9	.724	.72	80.0	82.1	„	0.4					
8 „	.918	.192	81.5	73.5	8.0	69.9	.726	.69	80.6	82.1	NE b E	0.3					
9 „	.930	.213	84.0	74.0	10.0	69.6	.717	.63	82.0	82.1	„	0.1					
10 „	.921	.151	86.2	76.0	10.2	71.8	.770	.65	83.2	82.1	„	0.0					
11 „	.898	.296	87.3	72.0	15.3	64.2	.602	.48	84.3	82.2	„	0.0					
Noon.	.875	.132	88.6	76.0	12.6	70.7	.743	.57	85.0	82.2	„	0.0	None.	None.	None.	None.	None.
1 p. m.	.853	.198	91.0	74.4	16.6	66.8	.655	.46	86.1	82.5	„	0.1					
2 „	.827	.133	93.1	76.0	17.1	68.6	.694	.46	87.2	82.7	NW b W	0.2					
3 „	.809	.103	92.4	76.1	16.3	69.1	.706	.48	87.2	82.9	„	0.2					
4 „	.804	.070	91.2	76.5	14.7	70.3	.734	.52	87.1	83.0	„	0.2					
5 „	.802	.013	88.0	77.0	11.0	72.6	.789	.61	86.0	83.1	NW	0.2					
6 „	.812	.001	84.6	76.6	8.0	73.4	.811	.70	84.3	83.1	NW b N	0.3					
7 „	.828	.014	83.2	76.3	6.9	73.5	.814	.74	83.5	83.1	N b W	0.4					
8 „	.855	.042	82.3	76.0	6.3	73.5	.813	.75	82.8	83.1	„	0.3					
9 „	.868	.111	80.4	74.0	6.4	71.2	.757	.75	80.7	83.1	N b E	0.0					
10 „	.875	.190	80.2	72.0	8.2	68.1	.685	.68	80.0	83.1	„	0.0					
11 „	.860	.110	81.0	74.0	7.0	71.0	.750	.73	80.8	83.1	„	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌇ cirri; ⌇⌇ cirro-cumuli; ⌒ cumuli; ⌣ cirro-strati; ⌒⌣ cumulo-strati; and ⌇⌣ nimbi.	
1	D	⌇ around the hor.; mist in hor.	
2	C	⌇ in NE and E; ⌇ above SE hor.; hazy.	
2	C	" " "	
1	C	" " "	
1	C	⌇ in the NE, E and SE; ⌇ in the S; light haze.	
1	D	" " "	
0	D	A few clouds in the E, otherwise clear.	
0	D	" " "	
1	D	⌇ in E and W hor.	
4	D	⌇ scattered about the sky; dew falling.	
3	D	" "	
4	D	" "	
4	D	⌇ scattered about the sky; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°8 and 84°2.
4	C	" " "	
6	C	" " "	
5	C	" " "	
2	C	" " "	
1	B	⌇ in the W and NE; copious fall of dew.	
0	B	A few ⌇ in the W; fog in E and NE; mist in W.	
0	B	" " "	
0	B	" " "	
0	D	A few ⌇ in E and W; haze in hor.	
0	D	" "	
0	D	" "	
0	D	" "	
1	C	⌇ and ⌒ along the eastern hor.; thick haze.	
1	C	" " "	
1	C	" " "	
1	C	" "	
1	B	⌇ scattered along the hor. from N to E; haze in hor.	
2	B	⌇ scattered in the N and E.	
3	B	⌇ scattered about.	
4	B	"	
3	D	"	
2	D	"	
3	D	"	
3	D	⌇ and ⌇ scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°3. Temperature of free air at 2 P. M. was 93°1, greatest in the month and about 6°0 greater than the normal mean.
3	C	" "	
3	C	" "	
2	C	" "	
3	C	" "	
3	B	⌇ scattered about.	
5	B	⌇ scattered about; fog in E and SE; mist in W.	
4	B	" " "	
3	B	" " "	
3	D	⌇ scattered about; haze in hor.	
4	D	" "	
2	D	" "	
1	D	" "	
1	C	⌇ in NE and E; ⌇ in E of zenith; mist.	
1	C	⌇ and ⌒ along the E hor.; light haze.	
1	C	" " "	
1	C	" " "	
1	B	⌇ along the E hor.; mist.	
3	B	" "	
1	B	⌇ scattered about the sky, moving W.	
0	B	⌇ in the E and SW.	
2	D	⌇ all round the hor.	
2	D	"	
2	D	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Readings of Sign of Electricity + or −	Readings of Strawser Volta 1.	Readings of Strawser Volta 2.	Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 19th-Midnight	29.856	29.123	79°2	73°0	6°2	70°2	0.733	0.75	80°3	83°0	NNE	0.0					
1 a. m.	.845	.037	79.2	75.0	4.2	73.3	.808	.83	80.3	82.9	,,	0.0					
2 ,,	.828	.043	78.1	74.0	4.1	72.4	.785	.83	80.0	82.8	,,	0.1					
3 ,,	.814	.137	77.6	71.0	6.6	67.8	.677	.73	79.5	82.7	,,	0.1					
4 ,,	.819	.101	77.2	72.0	5.2	69.6	.718	.78	78.9	82.6	,,	0.1		+	6		1 30
5 ,,	.834	.079	77.2	73.0	4.2	71.2	.755	.82	78.9	82.5	NE b N	0.2		+	1		Above 10m.
6 ,,	.852	.111	76.8	72.5	4.3	70.6	.741	.82	78.2	82.3	,,	0.1					
7 ,,	.874	.102	79.0	74.0	5.0	71.8	.772	.80	79.2	82.2	NE b E	0.1					
8 ,,	.883	.117	81.3	74.5	6.8	71.6	.766	.73	80.3	82.2	E b N	0.2					
9 ,,	.891	.088	83.2	76.0	7.2	73.1	.803	.73	81.2	82.2	E b S	0.0					
10 ,,	.888	.101	84.6	76.0	8.6	72.5	.787	.68	83.0	82.2	E	0.0	None.			None.	
11 ,,	.864	.092	86.0	76.0	10.0	71.8	.772	.64	83.4	82.2	E b S	0.0					
Noon.	.832	.266	87.6	71.0	16.6	62.3	.566	.40	84.5	82.3	,,	0.0					
1 p. m.	.808	.267	91.6	71.5	20.1	61.0	.541	.38	86.7	82.6	E b N	0.2					
2 ,,	.777	.114	92.4	75.0	17.4	67.2	.663	.45	87.2	82.8	W b N	0.1					
3 ,,	.757	.012	92.0	77.0	15.0	70.8	.745	.51	87.4	83.0	WNW	0.2					
4 ,,	.753	.025	90.0	76.0	14.0	70.0	.728	.53	87.0	83.2	,,	0.3					
5 ,,	.764	28.995	87.0	76.2	10.8	71.7	.769	.62	85.6	83.3	NW b W	0.4					
6 ,,	.772	.939	84.0	77.0	7.0	74.2	.833	.73	84.0	83.3	,,	0.3					
7 ,,	.793	.978	82.8	76.2	6.6	73.5	.815	.75	83.0	83.3	NW b N	0.2					
8 ,,	.811	.995	82.0	76.0	6.0	73.6	.816	.77	82.4	83.3	N b W	0.2					
9 ,,	.815	29.065	81.0	74.0	7.0	71.0	.750	.73	81.0	83.2	,,	0.0					
10 ,,	.808	.086	80.2	73.0	7.2	69.8	.722	.72	80.7	83.2	,,	0.0					
11 ,,	.789	.095	79.4	72.0	7.4	68.6	.694	.71	80.0	83.2	N	0.0					
Oct. 20th-Midnight	.775	.113	79.0	71.0	8.0	67.1	.662	.68	80.0	82.9	N	0.0					
1 a. m.	.770	.042	79.6	73.0	6.6	70.0	.728	.74	80.3	82.9	ENE	0.0					
2 ,,	.744	28.968	78.2	73.8	4.4	72.2	.776	.82	79.9	82.9	,,	0.1					
3 ,,	.744	.991	77.4	73.0	4.4	71.1	.753	.82	79.1	82.8	,,	0.2					
4 ,,	.746	.989	77.0	73.0	4.0	71.2	.757	.83	78.5	82.6	,,	0.1					
5 ,,	.758	29.056	76.2	71.0	5.2	68.5	.693	.78	78.0	82.6	,,	0.2					
6 ,,	.777	.020	77.0	73.0	4.0	71.2	.757	.83	78.5	82.5	,,	0.1					
7 ,,	.801	.066	79.0	73.0	6.0	70.3	.735	.76	79.3	82.4	,,	0.1					
8 ,,	.824	.069	80.5	74.0	6.5	71.2	.755	.74	80.2	82.3	,,	0.2					
9 ,,	.826	.049	82.7	75.2	7.5	72.0	.777	.71	81.3	82.3	,,	0.0					
10 ,,	.816	.058	83.7	75.0	8.7	71.3	.758	.68	82.0	82.3	,,	0.0	None.	None.	None.	None.	None.
11 ,,	.792	.020	86.0	76.0	10.0	71.8	.772	.64	84.2	82.3	,,	0.0					
Noon.	.768	.018	88.0	76.0	12.0	71.0	.750	.58	84.5	82.4	W S W	0.0					
1 p. m.	.746	28.990	88.2	76.2	12.0	71.2	.756	.58	85.0	82.5	WNW	0.2					
2 ,,	.728	.954	89.4	77.0	12.4	71.9	.774	.57	86.0	82.7	NW b W	0.1					
3 ,,	.713	.905	89.9	78.0	11.9	73.3	.808	.60	86.3	83.0	NW	0.2					
4 ,,	.708	.890	89.0	78.0	11.0	73.6	.818	.62	86.0	83.1	,,	0.3					
5 ,,	.714	.921	87.6	77.0	10.6	72.7	.793	.63	84.7	83.1	,,	0.4					
6 ,,	.735	.941	84.0	76.0	8.0	72.8	.794	.70	83.5	83.1	NW b N	0.3					
7 ,,	.766	.948	81.8	76.0	5.8	73.6	.818	.77	83.2	83.1	,,	0.2					
8 ,,	.787	29.001	81.2	75.0	6.2	72.4	.786	.76	82.4	83.1	,,	0.2					
9 ,,	.796	28.987	80.6	75.2	5.4	73.3	.809	.79	81.6	83.1	N b E	0.0					
10 ,,	.794	.985	80.6	75.2	5.4	73.3	.809	.79	81.6	83.1	NE b N	0.0					
11 ,,	.778	29.058	80.4	73.0	7.4	69.7	.720	.71	80.5	82.9	,,	0.0					
Oct. 21st-Midnight	.769	.008	80.0	74.0	6.0	71.4	.761	.76	81.2	82.8	NE b E	0.1					
1 a. m.	.767	28.959	79.2	75.0	4.2	73.3	.808	.83	80.0	82.7	ENE	0.1					
2 ,,	.762	.947	78.5	75.0	3.5	73.5	.815	.86	80.0	82.7	,,	0.1					
3 ,,	.756	.965	78.2	74.2	4.0	72.6	.791	.83	80.0	82.6	,,	0.1					
4 ,,	.759	.968	78.2	74.2	4.0	72.6	.791	.83	79.9	82.6	,,	0.1					
5 ,,	.773	.994	78.5	74.0	4.5	72.1	.779	.81	79.8	82.5	,,	0.5	None.	None.	None.	None.	None.
6 ,,	.807	29.021	78.0	74.0	4.0	72.4	.786	.83	79.3	82.3	ESE	0.3					
7 ,,	.828	.082	78.0	73.0	5.0	70.8	.746	.79	79.3	82.3	,,	0.4					
8 ,,	.842	.091	79.2	73.5	5.7	71.0	.751	.77	79.7	82.3	SE b E	0.1					
9 ,,	.858	.134	80.0	73.0	7.0	69.9	.724	.72	80.2	82.2	,,	0.1					
10 ,,	.860	.132	83.0	74.0	9.0	70.0	.728	.66	82.3	82.2	,,	0.0					
11 ,,	.843	.051	84.2	76.0	8.2	72.7	.792	.69	82.5	82.3	,,	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌣i cirri; ⌣⌣i cirro-cumuli; ⌒i cumuli; ⌣i cirro-strati; ⌒i cumulo-strati; and ⌣⌣i nimbi.	
2	D	⌣⌣i scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 84°7 and 84°3. Temperature of dew-point at 1 P. M. was 61°0, lowest in the month and about 13°8 lower than the normal mean.
3	C	⌣⌣i all round the hor.; slight dew.	
3	C	" "	
2	C	"	
2	C	"	
0	B	⌣⌣i in E and S above hor.; slight dew.	
0	B	⌣i in the E and ⌣⌣i in the S; fog on the eastern hills.	
0	B	" "	
0	B	⌣i in the E and ⌣⌣i in the S; mist in W and S hor.	
0	D	⌣i scattered about the sky; mist.	
2	D	" "	
6	D	" "	
7	D	L ⌣i scattered throughout; light mist.	
6	C	" "	
3	C	L ⌣i and ⌣⌣i scattered about; mist.	
3	C	" "	
3	C	" "	
1	B	⌣⌣i in the E, NW and SW.	
1	B	⌣⌣i around hor. except the N.	
0	B	Cloudless.	
0	B	A few ⌣⌣i in the S.	
0	D	" "	
7	D	L ⌣i scattered throughout; ⌣⌣i in the E.	
6	D	L ⌣i scattered throughout; ⌣⌣i in the N, E and SE.	
6	D	L ⌣i and ⌣⌣i scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 84°7 and 84°3. Height of barometer at 4 P. M. was 29·708 in., lowest in the month and about 0·083 in. lower than the normal mean.
7	C	⌣⌣i in the NE; ⌣⌣i throughout moving W.	
7	C	⌣⌣i and ⌣i scattered throughout, motion westerly.	
3	B	⌣i and ⌣⌣i scattered about the hor.; slight dew.	
6	B	⌣i scattered throughout; ⌣⌣i in the S; dew.	
6	D	" "	
7	D	⌣i and ⌣⌣i scattered throughout.	
7	C	⌣i and ⌣⌣i scattered throughout; fog in E.	
5	C	" "	
2	B	⌣i scattered about here and there; ⌣⌣i in the SW; very light mist on distant Ghauts.	
2	B	" "	
2	D	" " "	
2	D	⌣i and ⌣⌣i scattered around the hor.; very light mist.	
4	C	" " "	
4	C	" " "	
2	B	⌒i and ⌣⌣i along the eastern hor.; ⌣i in the S and W.	
2	B	" " "	
4	D	" " "	
3	D	" " "	
6	C	⌣⌣i scattered all over the sky.	
6	C	" "	
3	B	⌣⌣i scattered around hor.	
3	B	" "	
5	D	" "	
4	D	⌣⌣i and light ⌣⌣i scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 84°7 and 84°3.
4	C	" "	
8	C	Overcast, ⌣⌣i and ⌣⌣i moving NE; a few stars dimly visible about zenith.	
8	C	" " "	
8	C	" " "	
8	B	" " "	
6	B	⌣⌣i scattered throughout; ⌣⌣i in the W.	
6	B	" "	
7	B	" "	
6	D	" "	
4	D	⌣⌣i scattered throughout; ⌣⌣i in the W; light haze.	
3	D	⌣⌣i scattered around hor.; haze.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 21st-Noon.	29.818	28.980	87°2	78°0	9°2	74°4	0·838	0.67	84°3	82°4	SSE	0.1					
1 p. m.	.795	.970	88.4	78.0	10.4	73.9	·825	.63	85·0	82.5	SW	0.2					
2 ,,	.777	.938	89.0	78.5	10.5	74.4	·839	.64	85.8	82.7	,,	0.3					
3 ,,	.771	.912	89.1	79.0	10.1	75.2	·859	.65	86.0	82.9	WSW	0.2					
4 ,,	.772	.933	88.6	78.4	10.2	74.4	·839	.64	86.0	83.0	,,	0.1					
5 ,,	.788	.968	87.0	77.5	9.5	73.7	·820	.66	85.0	83.2	,,	0.1					
6 ,,	.810	.966	83.0	77.0	6.0	74.6	·844	.77	83.2	83.2	,,	0.3	None.			None.	
7 ,,	.831	.976	82.0	77.0	5.0	75.0	·855	.80	82.5	83.2	W b N	0.1					
8 ,,	.848	.976	81.2	77.2	4.0	75·6	·872	.84	82.0	83.2	,,	0.1					
9 ,,	·859	29.051	79.2	75.0	4.2	73.3	·808	.83	80.0	83.1	,,	0.0					
10 ,,	.857	.047	79·0	75.0	4.0	73.3	·810	.84	79.8	83.0	WNW	0.0					
11 ,,	.849	.039	79.0	75.0	4.0	73.3	·810	.84	79.7	82.9	,,	0.1		+	8		2.35
Oct. 22nd-Midnight	.842	.034	79.2	75.0	4.2	73.3	·808	.83	79.8	82.8	WNW	0.0					
1 a. m.	.841	28.998	79.5	76·0	3.5	74.6	·843	.86	80.2	82.8	,,	0.1					
2 ,,	.837	.994	79.5	76.0	3.5	74.6	·843	.86	80.2	82.7	NW b N	0.1					
3 ,,	.833	.986	79·2	76.0	3.2	74.7	·847	.87	80.2	82.7	,,	0.1					
4 ,,	.837	.971	79.2	76.5	2·7	75.4	·866	.89	80.1	82.7	,,	0.1					
5 ,,	.857	29.004	78.6	76.0	2.6	75.0	·853	.89	80.0	82.6	ENE	0.1					
6 ,,	.893	.040	78.6	76·0	2.6	75.0	·853	.89	80.0	82.5	,,	0.3					
7 ,,	.915	.060	80.2	76.5	3.7	75.0	·855	.85	80.6	82.4	E b N	0.2					
8 ,,	.930	.035	82.0	78.0	4.0	76.5	·895	.84	81.5	82.4	,,	0.1					
9 ,,	.925	.049	83.7	78.0	5.7	75.8	·876	.78	82.5	82.4	,,	0.0					
10 ,,	.921	.063	85.4	78.0	7.4	75.1	·858	·72	83.8	82.4	,,	0.0					
11 ,,	.914	.013	85.3	79.0	6.3	76.7	·901	.76	83.6	82.6	SSE	0.1	None.	None.	None.	None.	None.
Noon.	.883	28.994	86.4	79.0	7.4	76.3	·889	.70	84.0	82.8	WSW	0.1					
1 p. m.	.872	.993	87.3	79.0	8·3	75.9	·879	.70	85.0	83.0	W	0.1					
2 ,,	.850	29.013	87.3	78.0	9.3	74.4	·837	.67	85.6	83.2	WNW	0.2					
3 ,,	.837	.037	87.0	77.0	10.0	73.0	·800	.64	85.2	83.3	,,	0.2					
4 ,,	.837	.064	86.3	76.1	10·2	71.9	·773	.63	84.3	83.3	,,	0·3					
5 ,,	.852	.108	85.0	75.0	10.0	70.7	·744	.64	84.0	83.4	,,	0.4					
6 ,,	.868	.089	81.8	75.0	6.8	72.1	·779	.74	82.0	83.4	,,	0.2					
7 ,,	.888	.097	81.5	75.2	6.3	72.6	·791	·75	81.8	83.3	,,	0.1					
8 ,,	.913	.081	80.5	76.0	4.5	74.2	·832	.82	81.2	83·3	,,	0.0					
9 ,,	.918	.099	79.6	75.4	4.2	73.7	·819	.83	80.6	83.3	,,	0.0					
10 ,,	.918	.112	79.4	75.0	4.4	73.2	·806	.82	80.5	83.2	,,	0.0					
11 ,,	.908	.096	78.8	75.0	3.8	73.4	·812	.84	80.0	83.1	,,	0.0					
Oct. 24th-Midnight	.878	.050	77.4	75.0	2.4	74.0	·828	·90	78.6	82.5	S	0.0					
1 a. m.	.872	.032	77.3	75.3	2.0	74.5	·840	.91	78.6	82.4	S b E	0.1					
2 ,,	.869	.039	77.2	75·0	2.2	74.1	·830	.91	78.6	82·4	,,	0.1					
3 ,,	.867	.035	77.0	75.0	2.0	74.2	·832	.91	78.5	82·4	,,	0.0					
4 ,,	.873	.050	76.8	74.7	2.1	73.8	·823	.91	78.5	82·4	S	0·1					
5 ,,	.893	.057	76.6	75.0	1.6	74.3	·836	.93	78.2	82.3	S b E	0.0					
6 ,,	.923	.082	76.9	75.2	1.7	74.5	·841	.93	78.2	82.3	,,	0.1					
7 ,,	.940	.094	79·3	76.0	3.3	74.7	·846	.86	79.5	82.3	SSE	0.2					
8 ,,	.959	.087	81.2	77.2	4.0	75.7	·872	.84	80.7	82.2	,,	0.3					
9 ,,	.961	.110	82.4	77.0	5.4	74.9	·851	.79	81.0	82.2	,,	0.0					
10 ,,	.954	.119	83.8	77.0	6.8	74.3	·835	.74	82.3	82.2	,,	0·0					
11 ,,	.928	.099	84.4	77.0	7.4	74.1	·829	.72	82.5	82.4	WSW	0.1	None.	None.	None.	None.	None.
Noon.	.906	.123	85.0	76·0	9.0	72.3	·783	.67	82.7	82.5	W	0.1					
1 p. m.	.893	.104	86.2	76.5	9.7	72.6	·789	.65	83.8	82.7	NW b W	0.2					
2 ,,	.877	.131	87.0	75.6	11.4	70.8	·746	.60	84·3	82·9	,,	0·2					
3 ,,	.865	.092	87.7	76.5	11.2	71.9	·773	.61	84.6	83.0	NW	0.5					
4 ,,	.865	.104	87.0	76.0	11.0	71.4	·761	.61	84.5	83.1	,,	0.4					
5 ,,	.874	.126	84.6	75.0	9·6	70.8	·748	.65	83.5	83·1	NW b N	0.4					
6 ,,	.884	.126	82.0	74.5	7.5	71.3	·758	.71	82.3	83.1	,,	0.5					
7 ,,	.899	.149	81.0	74.0	7.0	71.0	·750	.73	81.6	83.0	,,	0.6					
8 ,,	.926	.201	80.6	73.2	7.4	69.9	·725	.71	81.2	83.0	,,	0.5					
9 ,,	.926	.275	80.0	71.0	9.0	66.6	·651	.65	80.3	82.8	,,	0.4					
10 ,,	.924	.270	79.7	71.0	8.7	66.7	·654	.66	79.8	82.5	,,	0·2					
11 ,,	.917	.255	79.0	71.0	8.0	67.1	·662	.68	79.4	82·4	,,	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ⌒≀ cumuli; ⌣≀ cirro-strati; ⌒≀ cumulo-strati; and ⌣≀ nimbi.	
4	D	≀≀ scattered around hor.; haze	
4	C	" "	
3	C	⌒≀ along the E hor.; ≀≀ in the rest of the hor.	
2	C	" "	
2	C	" "	
1	B	⌒≀ and ≀≀ along eastern hor.	
3	B	≀≀ scattered about in the E. half of the sky.	
3	B	" "	
3	B	" "	
2	D	≀≀ scattered about.	
3	D	" "	
2	D	" "	
4	D	≀≀ and L ≀≀ scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 84°7 and 84°3.
5	C	" "	
8	C	≀≀ and ≀≀ scattered throughout; thin drops of rain falling from full hour till 2h. 7m.	
7	C	" "	22nd October was the 18th day on which fall of rain was less than 0·01 in.
8	C	Overcast; motion of the clouds N; drops of rain at 4h. 6m.	
7	B	≀≀ scattered throughout.	
8	B	Overcast; ≀≀ and ≀≀.	
6	B	≀≀ scattered throughout moving NW.	
3	B	" "	
2	D	≀≀ and fragments of L ≀≀ scattered about; hazy.	
3	D	" " "	
4	D	" " "	
2	D	" " "	
3	C	⌒≀ in the E; ≀≀ around the rest of the hor.	
3	C	" " "	
3	C	" " "	
3	C	" " "	
1	B	⌒≀ and ≀≀ along the eastern hor.	
1	B	≀≀ in E and W hor.	
3	B	≀≀ all round the hor.	
2	B	" "	
2	B	" "	
4	B	≀≀ scattered about moving W.	
4	B	" "	
0	D	A few clouds along the hor.; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°7 and 84°3.
2	C	≀≀ scattered around hor.; dew.	
3	C	" "	
4	C	" "	
3	C	" "	
2	B	" "	
4	B	≀≀ scattered around hor; fog in E.	
2	B	" " "	
1	B	≀≀ in E and W hor.; light mist in E and SE.	
2	D	" " "	
2	D	" " "	
2	D	" " "	
1	D	≀≀ along hor. from N to SE.	
1	C	" "	
1	C	⌒≀ and ≀≀ in the N, NE and E hor.; haze.	
1	C	" "	
1	C	" "	
1	B	" "	
0	B	≀≀ in the NE and E.	
0	B	" "	
0	B	Cloudless.	
0	D	"	
0	D	"	
0	D	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 laid in the Ground.	Ground Thermometers. Thermometer 2 buried 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 25th-Midnight	29.903	29.201	78°6	72°0	6°6	68°9	0.702	0.74	79°2	82°4	NW b N	0.0					
1 a. m.	.892	.148	78·2	73.0	5.2	70.7	.744	.79	79.2	82.4	,,	0.3					
2 ,,	.886	.169	77.3	72.0	5.3	69.6	.717	.78	79.0	82.4	NE	0.0					
3 ,,	.883	.152	76.0	72.0	4.0	70.5	.731	.83	78.4	82.3	NE b E	0.1					
4 ,,	.884	.171	75.7	71.4	4.3	69.4	.713	.82	78.1	82.3	,,	0.1					
5 ,,	.900	.201	75.6	71·0	4.6	68.8	.699	.81	77.6	82.2	,,	0.1					
6 ,,	.936	.261	74.6	70.0	4.6	67.7	.675	.80	76.8	81.9	,,	0.1					
7 ,,	.962	.304	76.8	70.2	6.6	66.9	.658	.73	77.5	81.6	,,	0.2					
8 ,,	.978	.245	79.2	73.0	6.2	70.2	.733	.75	78.5	81.6	ENE	0.3					
9 ,,	.988	.267	80.3	73.0	7.3	69.7	.721	.71	79.8	81.4	E b N	0.0					
10 ,,	.987	.285	82.0	73.0	9.0	68.9	.702	.66	81.3	81.4	E	0.1					
11 ,,	.962	.234	83.0	74.0	9.0	70.0	.728	.66	82.0	81.5	,,	0.0					
Noon.	.927	.217	84.6	74.0	10.6	69.3	.710	.62	82.5	81.7	NNW	0.7	None.	None.	None.	None.	None.
1 p. m.	.905	.196	85.4	74.2	11.2	69.2	.709	.60	82.8	82.0	NW b N	0.6					
2 ,,	.888	.152	85.7	75.0	10.7	70.4	.736	.62	83.0	82.1	,,	0.7					
3 ,,	.878	.138	85.4	75.0	10.4	70.5	.740	.62	83.1	82.1	NNW	0.7					
4 ,,	.881	.168	84·4	74.0	10.4	69.4	.713	.62	82.6	82.2	,,	0.8					
5 ,,	.890	.155	82.4	74.0	8.4	70.3	.735	.68	82.0	82.2	N b W	0.7					
6 ,,	.897	.168	80.2	73.2	7.0	70.1	.729	.72	80.5	82.2	,,	0.6					
7 ,,	.921	.200	79.6	72.8	6.8	69.8	.721	.73	80.1	82.1	N	0.6					
8 ,,	.939	.279	79.2	71.0	8.2	67.0	.660	.68	80.0	82.0	,,	0.5					
9 ,,	.942	.315	79.0	70.0	9.0	65.4	.627	.65	79.2	82.0	,,	0.8					
10 ,,	.939	.377	78.8	68.0	10.8	62.1	.562	.58	79.0	81.8	N b E	0.1					
11 ,,	.937	.320	76.8	69.0	7.8	65.0	.617	.58	78.1	81.8	NNE	0.0					
Oct. 26th-Midnight	.930	.384	74.4	66.0	8.4	61.3	.546	.65	77.0	81.6	NNE	0.0					
1 a. m.	.928	.354	74.7	67.0	7.7	62·8	.574	.68	76.6	81.6	,,	0.1					
2 ,,	.927	.345	74.0	67.0	7.0	63.2	.582	.70	76.3	81.5	,,	0.1					
3 ,,	.927	.324	73.6	67.5	6.1	64.3	.603	.74	76.1	81.4	,,	0.1					
4 ,,	.939	.320	74.2	68·2	6.0	65.1	.619	.74	76·1	81.4	NE b N	0.2					
5 ,,	.961	.304	74.8	69.5	5.3	66.7	.657	.77	76.4	81.2	NE b E	0.3					
6 ,,	.984	.376	74.6	68.0	6.6	64.5	.608	.72	76.0	81.0	ENE	0.2					
7 ,,	30.005	.385	75.0	68.5	6.5	65.1	.620	.73	76.0	80·7	,,	0.1					
8 ,,	.028	.388	77.8	70.0	7.8	66.1	.640	.69	77.5	80.5	E b N	0.4					
9 ,,	.036	.342	79.4	72.0	7.4	68.6	.694	.71	78.3	80.6	E	0.1					
10 ,,	.022	.354	81.7	72.0	9.7	67.4	.668	.64	79.8	80.8	ENE	0.0					
11 ,,	29.990	.305	83.5	73.0	10.5	68.1	.685	.62	82.0	81.0	NNE	1.2					
Noon.	.964	.251	84.4	74.0	10.4	69.4	.713	.62	82.2	81.2	N b E	1.5	None.	None.	None.	None.	None.
1 p. m.	.936	.194	85.2	75.0	10.2	70.6	.742	.63	82.8	81.3	NW b N	1.8					
2 ,,	.914	.172	85.2	75.0	10.2	70.6	.742	.63	83.0	81.5	NW	1.7					
3 ,,	.900	.159	85.3	75.0	10.3	70.6	.741	.63	83.2	81.7	NW b N	1.6					
4 ,,	.909	.153	84.7	75.0	9.7	70.8	.747	.65	82.9	81.8	,,	1.2					
5 ,,	.907	.163	81.5	74.0	7.5	70.7	.744	.71	81.3	81.7	,,	0.8					
6 ,,	.919	.168	79.2	73.5	5.7	71.0	.751	.77	80.6	81.6	NNW	0.6					
7 ,,	.945	.168	78.8	74.0	4.8	72.0	.777	.80	80.0	81.6	,,	0.5					
8 ,,	.951	.174	78.8	74.0	4.8	72.0	.777	.80	79.8	81.5	,,	0.6					
9 ,,	.953	.211	78.4	73.0	5.4	70.6	.742	.78	79.0	81.4	N b W	0.1					
10 ,,	.945	.229	77.4	72.0	5.4	69.5	.716	.78	78.4	81.4	,,	0.1					
11 ,,	.938	.213	76.5	72.0	4.5	69.9	.725	.81	78.0	81.3	,,	0.0					
Oct. 27th-Midnight	.922	.227	76.0	71.0	5.0	68.6	.695	.79	77.0	81.2	N b W	0.0					
1 a. m.	.916	.194	75.2	71.5	5.7	69.8	.722	.84	77·0	81.2	N	0.0					
2 ,,	.905	.183	74.2	71.2	3.0	69.8	.722	.87	76.8	81.2	,,	0.1					
3 ,,	.904	.187	74.0	71.0	3.0	69.6	.717	.87	76.4	81.2	,,	0.1					
4 ,,	.906	.217	73.4	70.0	3.4	68.3	.689	.85	76.1	81.2	,,	0.1					
5 ,,	.910	.236	73.2	69.5	3.7	67.7	.674	.84	75.5	80.9	,,	0.3					
6 ,,	.943	.317	73.0	68.0	5.0	65.4	.626	.78	75·0	80.6	,,	0.3	None.	None.	None.	None.	None.
7 ,,	.968	.324	74.4	69.0	5.4	66.3	.644	.77	75.3	80.5	NNE	0.2					
8 ,,	.981	.334	76.5	69.8	6.7	66·4	.647	.73	76.5	80.4	,,	0.2					
9 ,,	.986	.359	79.0	70.0	9.0	65.4	.627	.65	78.3	80.5	,,	0.1					
10 ,,	.970	.307	82.2	72.0	10.2	67.2	.663	.62	79.8	80.6	NE	0.0					
11 ,,	.943	.199	85.0	75.0	10.0	70.7	.744	.64	82.2	80.7	N	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩⌣ cumulo-strati; and ⌣ nimbi.	
0	D	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 84°6 and 84°2.
0	C	,,	
0	C	,,	
0	C	Clear; slight dew.	
0	C	,, ,,	
1	B	≀≀ along the E hor; dew.	
4	B	≀≀ from N to SE; ≀ in W above hor.	
1	B	≀≀ in the E; ≀ in the SW; fog in E.	
1	B	,, ,, ,,	
1	D	≀≀ in the E and NE; ≀ in the S; mist in hor.	
1	D	,, ,, ,,	
5	D	≀ and ≀≀ scattered about the sky; ≀≀ moving E.	
6	D	,, ,, ,,	
5	B	≀≀ in the E SE; ≀ scattered throughout; light haze.	
5	C	,, ,, ,,	
3	C	,, ,, ,,	
3	C	,, ,, ,,	
2	B	≀ scattered all round the hor.	
2	B	,, ,,	
0	B	A few ≀ above the E hor.	
0	B	,, ,,	
0	D	Cloudless.	
0	D	,,	
0	D	,,	Mean daily temperature of ground 20 and 60 inches below its surface 84°6 and 84°2. Height of barometer at 9 A. M. was 30.036 in., greatest during the month and about 0.125 in. greater than the normal mean height for that hour. At midnight the reading of wet bulb thermometer was 66°0, lowest in the month and about 8°2 lower than the normal mean.
0	D	A few clouds in the E and SE hor.	
0	C	≀≀ in the E.	
0	C	,,	
0	C	,,	
0	C	,,	
1	B	≀≀ and ≀ in the NE and E.	
3	B	≀≀ in the E; ≀ scattered about; fog in E and SE.	
5	B	≀ scattered about the sky; mist along the W hor.	
6	B	≀ scattered throughout; mist.	
7	D	,, ,,	
7	D	≀ scattered throughout; very light mist.	
6	D	,, ,,	
6	D	≀ scattered throughout; hazy; breezes of wind from NW.	
7	C	≀ scattered throughout; ≀≀ in E; fresh breezes; hazy.	
6	C	,, ,, ,,	
6	C	,, ,, ,,	
5	C	≀ scattered about; ≀≀ in ENE; haze.	
5	B	,, ,,	
5	B	,, ,,	
3	B	≀ scattered about the hor.	
2	B	,, ,,	
0	D	,, ,,	
0	D	,, ,,	
0	D	,, ,,	
3	D	≀ scattered around hor; ≀≀ in N and NE of zenith; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 84°5 and 84°3. At 6 A. M. the temperature of fresh air was 73°0, lowest in the month and about 3°6 lower than the normal mean.
3	C	≀≀ in the N and E hor; ≀ scattered about; slight dew.	
3	C	,, ,, ,,	
4	C	,, ,, ,,	
4	C	,, ,, ,,	
3	B	≀≀ scattered around the hor; dew.	
3	B	≀≀ scattered about moving to NW; mist in W and fog in E.	
3	B	,, ,, ,,	
4	B	,, ,, ,,	
5	D	≀≀ scattered about moving to NW; mist in W and haze in E.	
3	D	,, ,, ,,	
3	D	,, ,, ,,	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the sense of repulsion after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Oct. 27th-Noon.	29.913	29.138	85°7	76°0	9°7	72°0	0.775	0.65	82°8	80°9	NNW	0·0					
1 p. m.	.887	.119	86.4	76.0	10.4	71.7	.768	.63	83.0	81.1	,,	0.7					
2 ,,	.866	.062	86.6	77.0	9.6	73.1	.804	.66	83.4	81.2	,,	0.6					
3 ,,	.846	.049	86.2	76.7	9.5	72.9	.797	.66	83.6	81.3	,,	1.2					
4 ,,	.850	.078	86.0	76.0	10.0	71.8	.772	.64	83.6	81.4	,,	1.0	None.	None.	None.	None.	None.
5 ,,	.856	.127	83.6	74.2	9.4	70.1	.729	.65	83.0	81.5	,,	0.7					
6 ,,	.866	.114	81.5	74.2	7.3	71.0	.752	.72	81.6	81.5	,,	0.6					
7 ,,	.880	.098	81.5	75.0	6.5	72.2	.782	.75	81.6	81.5	,,	0.7					
8 ,,	.902	.092	81.8	75.8	6.0	73.3	.810	.77	81.6	81.5	N b W	0.3					
9 ,,	.917	.163	80.6	74.0	6.6	71.1	.754	.74	81.0	81.4	,,	0.1					
10 ,,	.909	.185	80·0	73.0	7·0	69.9	.724	.72	80.3	81.4	N	0.0					
11 ,,	.899	.175	80.0	73.0	7.0	69.9	.724	.72	80.1	81.3	,,	0.0					
Oct. 28th-Midnight	.887	.154	79·2	73.0	6.2	70.2	.733	.75	79.8	81.3	N	0.0					
1 a. m.	.873	.102	79.1	74.0	5.1	71.8	.771	.79	79.8	81.3	,,	0.0					
2 ,,	.861	.152	78.0	71.5	6.0	69.8	.709	.76	79.4	81.3	N b E	0.1					
3 ,,	.860	.165	77.7	71.5	6.2	68.1	.695	.75	79.1	81.3	,,	0.1					
4 ,,	.862	.179	77.5	71.1	6.4	68.1	.683	.74	78.9	81.3	,,	0.1					
5 ,,	.874	.190	77·0	71.0	6.0	68.1	.684	.75	78.5	81.2	,,	0.1					
6 ,,	.891	.229	76.5	70.2	6.3	67.1	.662	.74	78.0	81.0	,,	0.1					
7 ,,	.907	.172	79.0	73.0	6.0	70.3	.735	.76	79.1	81.0	NE	0.3					
8 ,,	.927	.146	81.6	75.0	6.6	72.2	.781	.74	80.5	81.2	E b N	0·3					
9 ,,	.940	.146	84.0	76.0	8.0	72.8	.794	.70	82.3	81.3	,,	0.0					
10 ,,	.933	.161	86.0	76.0	10.0	71.8	.772	.64	83.6	81.4	,,	0·0					
11 ,,	.909	.259	86.6	73·0	13.6	66.6	.650	.53	84.0	81.6	,,	0.0	None.	None.	None.	None.	None.
Noon.	.876	.184	89.7	75.0	14.7	68.5	.692	.51	85.4	81.8	,,	0.1					
1 p. m.	.858	.132	90.2	76.0	14.2	69·9	.726	·53	86.1	82.0	W	0.2					
2 ,,	.840	.108	90.7	76.3	14.4	70.2	.732	.53	86.6	82.2	WNW	0.1					
3 ,,	.838	.087	89.7	76.5	13.2	71.0	.751	.56	86.5	82.3	NW b W	0.3					
4 ,,	.841	.091	88.0	76.0	12.0	71.0	.750	·58	85.8	82.4	NW	0.5					
5 ,,	.849	.105	85.0	75.0	1.00	70.7	.744	.64	84.5	82·5	,,	0.4					
6 ,,	.862	.074	83.1	75.6	7.5	72.5	.788	.71	83.0	82.5	,,	0.4					
7 ,,	.887	.077	82.5	76.0	6.5	73.3	.810	.75	82.5	82.5	NW b N	0.2					
8 ,,	.911	.087	81.3	76.0	5.3	73.9	.824	.79	82·0	82.5	,,	0.0					
9 ,,	.915	.118	80.2	75.0	5.2	72.9	.797	.79	81.0	82.3	,,	0.0					
10 ,,	.906	.107	80.0	75.0	5.0	73.0	.799	.80	80.8	82.2	,,	0.0					
11 ,,	.898	.099	80·0	75.0	5·0	73.0	.799	.80	80.7	81.2	,,	0.0					
Oct. 29th-Midnight	.890	.052	80.0	76.0	4·0	74.4	.838	.84	80.3	82.1	NW b N	0.0					
1 a. m.	.884	.042	79.6	76.0	3.6	74.4	.842	.85	80.2	82.1	,,	0.1					
2 ,,	.877	.067	79·0	75.0	4.0	74.4	.810	.84	80.2	82.1	W b N	0.2					
3 ,,	.873	.127	78·0	73.0	5.0	78.8	.746	.79	79.9	82.1	S b W	0.2					
4 ,,	.875	.119	77.5	73.1	4·4	71.2	.756	.82	79.3	82.0	,,	0.2					
5 ,,	.892	.135	77·0	73.0	4.0	71.2	.757	.83	78·6	82.0	S	0.0					
6 ,,	.917	.160	77.0	73.0	4.0	71.2	.757	.83	78.2	81.7	,,	0.2					
7 ,,	.941	.175	78.0	73.5	4.5	71.6	.766	.81	78.7	81.6	S b E	0.2					
8 ,,	.969	.235	79.6	73.2	6.4	70.3	.734	.75	79.6	81.6	,,	0.1					
9 ,,	.991	.288	80.6	72.6	8.0	69.0	.703	.69	80.3	81.7	,,	0.1					
10 ,,	.985	.243	82.4	74.2	8.2	70.6	.742	.69	81.0	81.7	,,	0.1					
11 ,,	.962	.241	84.3	74.2	10.1	69.8	.721	.63	81.8	81.8	,,	0.1	None.	None.	None.	None.	None.
Noon.	.928	.148	88.8	77.0	11.8	72.2	.780	.59	84.0	82.0	,,	0.1					
1 p. m.	.886	.079	90.0	78.0	12.0	73.2	.807	.59	85.0	81.8	W b N	0.0					
2 ,,	.861	.060	90·5	78.0	12.5	73.0	.801	.58	86.0	82.0	,,	0.0					
3 ,,	.857	.129	90.0	76.0	14.0	70.0	.728	.53	86.2	82.2	NW b W	0.1					
4 ,,	.856	.117	89.0	76.0	13.0	70.5	.739	.56	85.8	82.3	NW b N	0.1					
5 ,,	.877	.200	85.6	73.4	12.2	67.8	.677	.57	84.8	82.4	,,	0.2					
6 ,,	.885	.182	83.2	73.4	9.8	69.0	.703	.64	83.3	82.5	,,	0.2					
7 ,,	.901	.159	82.4	74.2	8.2	70.6	.742	.69	82.7	82.6	NNW	0.1					
8 ,,	.925	.196	80.6	73.3	7.3	70·1	.729	.72	82.1	82.6	,,	0.1					
9 ,,	.932	.208	80.0	73.0	7.0	69.9	.724	.72	81.3	82.5	,,	0.1					
10 ,,	.933	.292	77.7	70·0	7.7	66.1	.641	.69	80.0	82.4	,,	0.0					
11 ,,	.930	.372	76.2	67.0	9.2	61·9	.558	.63	78.4	82.2	,,	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩⌣ cumulo-strati; and ≀⌣ nimbi.	
2	D	≀ scattered about hor; haze in hor; fresh breezes from NW.	
2	C	" " "	
2	C	" " "	
2	C	" " "	
2	C	" " "	
4	B	≀ scattered about moving NW; haze.	
5	B	" "	
2	B	≀ scattered around hor.	
2	B	"	
3	D	" "	
4	D	" "	
5	D	" "	
5	D	≀ scattered about the sky moving NW.	Mean daily temperature of ground 20 and 60 inches below its surface 84°4 and 84°3.
6	C	" "	
6	C	" "	
5	C	" "	
6	C	" "	
3	B	≀ scattered all round hor.	
3	B	" "	
2	B	≀ scattered all round hor; light mist in E hor.	
2	B	" " "	
1	D	≀ in the SW; ≀≀ in the N, NE, E and SE; mist.	
0	D	≀≀ in the N, NE and W; light mist in hor.	
0	D	" " "	
0	D	A few ≀≀ in the N and NE hor; haze.	
0	C	" "	
1	C	≀≀ in the hor from N to E; light haze.	
2	C	" " "	
2	C	" " "	
2	B	≀≀ around the hor; haze in E and S.	
3	B	" "	
3	B	" "	
4	B	≀≀ scattered about moving W.	
3	D	" "	
4	D	" "	
6	D	" "	
7	D	≀≀ scattered throughout, moving NW.	Mean daily temperature of ground 20 and 60 inches below its surface 84°5 and 84°4.
8	C	Overcast; ≀≀ and L ≀≀, both moving W; a few stars dimly visible near the zenith.	
8	C	" " " "	
6	C	≀≀ and ⌣≀ scattered throughout moving W.	
3	C	≀≀ scattered around hor.	
1	B	" "	
0	B	A few ≀≀ in the E and SE hor; fog in NE and E.	
0	B	Cloudless; fog in E and light mist in W.	
0	B	" " "	
0	C	A few ≀≀ in the E; mist.	
0	C	" "	
0	C	" "	
0	C	A few clouds in the E; mist.	
0	D	" "	
0	D	" "	
0	D	" "	
0	D	" "	
0	C	Cloudless; mist.	
0	C	" "	
0	C	Clear.	
0	C	"	
0	C	"	
0	C	"	
0	C	"	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet Bulb Thermometer.	Depression of Wet Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 9 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in recovering same degree of insulation after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 1st-Midnight	29.891	29.287	75°0	68°0	7°0	64°3	0.604	0.71	77°0	81°6	NNW	0.0					
1 a. m.	.886	.159	74.8	71.5	3.3	70.0	.727	.86	76.6	81.5	„	0.0					
2 „	.870	.153	74.0	71.0	3.0	69.6	.717	.87	76.4	81.4	„	0.1					
3 „	.862	.180	74.0	70.0	4.0	68.0	.682	.83	76.1	81.4	„	0.1					
4 „	.864	.182	74.0	70.0	4.0	68.0	.682	.83	75.8	81.3	NNE	0.1					
5 „	.878	.213	74.0	69.5	4.5	67.2	.665	.80	75.6	81.2	NE	0.1					
6 „	.899	.298	72.8	67.2	5.6	64.2	.601	.76	74.8	80.9	„	0.1					
7 „	.921	.285	75.1	69.0	6.1	65.9	.636	.74	75.7	80.6	„	0.1					
8 „	.940	.246	77.8	71.5	6.3	68.6	.694	.74	77.8	80.5	„	0.1					
9 „	.951	.295	79.5	71.0	8.5	66.8	.656	.67	79.0	80.5	„	0.1	None.	None.	None.	None.	None.
10 „	.947	.308	81.1	71.0	10.1	66.0	.639	.62	79.7	80.5	„	0.1					
11 „	.912	.248	83.7	71.5	12.2	65.5	.628	.56	80.5	80.5	„	0.1					
Noon.	.883	.217	85.2	73.0	12.2	67.3	.666	.56	81.9	80.6	N b W	0.1					
1 p. m.	.839	.146	86.2	74.0	12.2	68.5	.693	.57	83.2	81.0	NW	0.1					
2 „	.803	.108	86.0	74.0	12.0	68.6	.695	.57	83.0	81.2	NW b W	0.1					
3 „	.800	.147	86.4	73.0	13.4	66.7	.653	.53	83.2	81.4	WNW	0.1					
4 „	.807	.112	86.0	74.0	12.0	68.6	.695	.53	83.0	81.4	„	0.1					
5 „	.815	.109	82.7	73.3	9.4	69.1	.706	.65	82.1	81.5	„	0.2					
6 „	.825	.099	80.8	73.3	7.5	69.9	.726	.71	81.9	81.5	NW b N	0.4					
7 „	.842	.130	79.8	72.6	7.2	69.3	.712	.72	81.2	81.5	NW	0.3					
8 „	.868	.137	79.4	73.0	6.4	70.2	.731	.74	80.3	81.5	NNW	0.3					
9 „	.875	.106	79.3	74.0	5.3	71.7	.769	.79	80.1	81.4	„	0.3					
10 „	.869	.116	78.0	73.2	4.8	71.1	.753	.80	79.3	81.4	„	0.1					
11 „	.855	.094	76.6	73.0	3.6	71.4	.761	.85	78.0	81.4	„	0.0					
Nov. 2nd-Midnight	.843	.116	76.4	72.0	4.4	70.0	.727	.81	78.0	81.4	NNW	0.0					
1 a. m.	.825	.158	75.4	70.0	5.4	67.3	.667	.77	77.2	81.2	ENE	0.0					
2 „	.813	.165	74.0	69.0	5.0	66.5	.648	.78	76.4	81.0	„	0.0					
3 „	.813	.224	73.4	67.0	6.4	63.5	.589	.72	75.8	80.9	„	0.0					
4 „	.821	.177	74.4	69.0	5.4	66.3	.644	.77	75.7	80.8	„	0.0					
5 „	.825	.239	73.6	67.0	6.6	63.4	.586	.72	75.7	80.7	„	0.2					
6 „	.841	.280	73.0	66.0	7.0	62.1	.561	.70	75.4	80.7	„	0.1					
7 „	.859	.275	74.4	67.2	7.2	63.3	.584	.70	75.4	80.5	E b N	0.1					
8 „	.872	.263	77.5	69.0	8.5	64.6	.609	.66	77.1	80.5	„	0.1					
9 „	.880	.277	78.7	69.2	9.5	64.3	.603	.63	78.4	80.5	ENE	0.2					
10 „	.868	.300	81.3	69.0	12.3	62.5	.568	.54	79.5	80.5	„	0.1	None.	None.	None.	None.	None.
11 „	.835	.232	84.3	71.0	13.3	64.3	.603	.53	81.0	80.6	E b N	0.1					
Noon.	.810	.166	84.6	72.2	12.4	66.3	.644	.56	81.6	80.6	NNW	0.3					
1 p. m.	.779	.151	85.4	72.0	13.4	65.5	.628	.53	83.2	80.9	NW	0.1					
2 „	.766	.105	86.2	73.0	13.2	66.8	.655	.54	83.4	81.0	„	0.5					
3 „	.755	.091	85.4	73.0	12.4	67.2	.664	.56	82.8	81.2	„	0.6					
4 „	.754	.086	85.0	73.0	12.0	67.4	.668	.57	82.6	81.2	NW b W	0.4					
5 „	.766	.038	83.0	74.0	9.0	70.0	.728	.66	82.1	81.3	NW	0.3					
6 „	.782	.056	81.5	73.5	8.0	69.9	.726	.69	81.6	81.4	NNW	0.3					
7 „	.798	.070	81.3	73.5	7.8	70.0	.728	.70	81.4	81.5	„	0.3					
8 „	.826	.076	81.0	74.0	7.0	71.0	.750	.73	81.2	81.5	„	0.1					
9 „	.826	.034	80.6	75.0	5.6	72.7	.792	.78	80.6	81.4	„	0.2					
10 „	.822	.069	80.5	75.5	5.0	73.5	.813	.80	80.5	81.4	„	0.2					
11 „	.816	28.973	79.5	76.0	3.5	74.6	.843	.86	80.1	81.4	„	0.0					
Nov. 3rd-Midnight	.811	.960	78.8	76.0	2.8	74.9	.851	.88	77.8	81.4	NNW	0.0					
1 a. m.	.807	29.023	78.2	74.0	4.2	72.3	.784	.83	77.4	81.3	NE	0.0					
2 „	.794	.008	78.0	74.0	4.0	72.4	.786	.84	77.2	81.2	E	0.1					
3 „	.789	.003	78.0	74.0	4.0	72.4	.786	.84	78.3	81.1	„	0.0					
4 „	.803	.048	77.2	73.0	4.2	71.2	.755	.82	78.0	81.0	„	0.0					
5 „	.824	.061	77.2	73.2	4.0	71.5	.763	.83	78.0	81.0	„	0.0	None.	None.	None.	None.	None.
6 „	.843	.102	75.5	72.1	3.4	70.6	.741	.85	77.6	81.0	„	0.1					
7 „	.867	.142	77.2	72.2	5.0	69.9	.725	.79	77.8	81.0	E b S	0.1					
8 „	.878	.175	80.2	72.5	7.7	69.0	.703	.70	79.7	81.1	„	0.1					
9 „	.895	.199	82.5	73.0	9.5	68.6	.696	.65	80.5	81.1	„	0.2					
10 „	.880	.247	83.6	71.6	12.0	65.7	.633	.57	81.5	81.2	E	0.1					
11 „	.855	.238	86.4	72.0	14.4	65.0	.617	.50	82.8	81.4	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are; ⌐i cirri; ∿i cirro-cumuli; ∩i cumuli; ⌐i cirro-strati; ∩i cumulo-strati; and ∿i nimbi.	
0	D	Clear; slight dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°5 and 84°4.
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
0	B	A few ⌐i in the E.	
1	B	⌐i scattered along E hor.; fog in E.	
0	B	⌐i in the E; fog in E and SE; mist in W.	
1	B	" " "	
2	C	" " "	
3	C	⌐i scattered around hor; mist.	
6	C	" "	
6	C	" "	
4	D	" "	
5	D	" "	
3	D	" "	
3	D	" "	
6	C	⌐i scattered throughout; mist in hor.	
5	C	" "	
2	C	⌐i in the E and SE.	
2	C	" "	
0	B	A few ⌐i in the E.	
0	B	" "	
1	B	⌐i scattered about in E.	
1	B	⌐i in the E; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 84°5 and 84°4. The height of barometer at 4 P. M. was 29°754 in., lowest in the month and about 0°063 in. lower than the normal mean.
1	D	" "	
4	D	⌐i scattered throughout.	
2	D	⌐i scattered around hor.	
0	D	" "	
0	C	" "	
0	C	⌐i scattered around hor.; fog in E.	
0	C	" "	
3	C	" "	
2	B	⌐i scattered around hor.; mist.	
0	B	" "	
0	B	⌐i in the N, NE and E; light mist.	
0	B	⌐i in the N, NE, E and SE; light mist.	
7	D	∿i in the NE and E; ⌐i throughout.	
4	D	" "	
3	D	" "	
4	D	" "	
7	C	∿i along the hor. from N to SE; ⌐i throughout.	
7	C	" " "	
3	C	⌐i and ∿i scattered about.	
5	C	" "	
3	B	∿i scattered around hor.	
1	B	" "	
0	B	∿i in the E and W hor; slight dew.	
0	B	A few ∿i in the E; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 84°4 and 84°2.
0	D	" "	
0	D	" "	
0	D	" "	
0	D	" "	
0	C	" "	
0	C	A few ∿i in the E; fog in E and SE.	
0	C	" " "	
1	C	⌐i scattered along the E hor.; very light mist.	
1	B	" " "	
1	B	∿i along the hor. from N to S (by E); mist in W.	
2	B	∿i scattered around hor.; horizon unusually clear.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volts 1.	Electrical Instruments. Readings of Straws of Volts 2.	Electrical Instruments. Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 3rd-Noon.	29.827	29.192	88°0	73°0	15°0	65°8	0.635	0.49	84°2	81°5	E	0.1					
1 p. m.	.800	.080	87.2	75.0	12.2	69.7	.720	.57	84.0	81.4	NW	0.0					
2 „	.794	.050	85.0	75.0	10.0	70.7	.744	.64	83.7	81.6	„	0.1					
3 „	.792	.033	83.6	75.0	8.6	71.3	.759	.63	83.5	81.8	„	0.0					
4 „	.804	.087	84.0	74.0	10.0	69.6	.717	.63	83.2	81.8	NNE	0.0					
5 „	.818	.085	83.6	74.3	9.3	70.3	.733	.66	83.1	81.8	„	0.1					
6 „	.832	.101	82.7	74.0	8.7	70.2	.731	.67	82.8	81.9	NE b N	0.2	None.	None.	None.	None.	None.
7 „	.859	.157	82.0	73.0	9.0	68.9	.702	.66	82.1	82.0	NNE	0.3					
8 „	.882	.173	81.4	73.0	8.4	69.2	.709	.68	81.7	82.0	„	0.1					
9 „	.890	.173	80.6	73.0	7.6	69.6	.717	.70	81.0	82.0	„	0.2					
10 „	.889	.179	79.6	72.5	7.1	69.3	.710	.72	80.5	81.8	„	0.1					
11 „	.888	.160	79.6	73.0	6.6	70.0	.728	.74	80.2	81.6	„	0.2					
Nov. 4th-Midnight	.885	.145	78.6	73.0	5.6	70.5	.740	.77	79.6	81.5	ENE	0.2					
1 a. m.	.859	.077	78.4	74.0	4.4	72.2	.782	.82	79.7	81.5	„	0.1					
2 „	.844	.095	77.7	73.0	4.7	70.9	.749	.81	78.5	81.4	„	0.2					
3 „	.847	.094	77.4	73.0	4.4	71.1	.753	.82	78.3	81.4	SE	0.1					
4 „	.850	.097	77.4	73.0	4.4	71.1	.753	.82	78.2	81.4	SSE	0.1					
5 „	.869	.116	77.4	73.0	4.4	71.1	.753	.82	78.1	81.3	„	0.6					
6 „	.887	.133	77.3	73.0	4.3	71.1	.754	.82	78.1	81.3	S b E	0.3					
7 „	.909	.143	78.0	73.5	4.5	71.6	.766	.81	78.7	81.3	„	0.2					
8 „	.930	.171	80.2	74.0	6.2	71.3	.759	.75	79.8	81.4	SSE	0.3					
9 „	.955	.193	80.6	74.2	6.4	71.4	.762	.75	80.2	81.4	„	0.2					
10 „	.952	.164	84.5	76.9	8.5	72.5	.788	.68	82.0	81.5	„	0.2					
11 „	.926	.098	85.2	77.2	8.0	74.0	.828	.70	82.6	81.6	„	0.3	None.	None.	None.	None.	None.
Noon.	.915	.071	86.6	78.0	8.6	74.6	.844	.69	84.0	81.6	SSW	0.2					
1 p. m.	.882	.057	88.2	78.0	10.2	74.0	.827	.64	84.8	81.8	SW	0.1					
2 „	.868	.050	89.0	78.0	11.0	73.6	.818	.62	86.0	82.0	„	0.0					
3 „	.871	.042	88.0	78.0	10.0	74.1	.829	.65	85.8	82.2	„	0.1					
4 „	.870	28.992	87.4	79.0	8.4	75.9	.878	.69	85.0	82.4	SW b S	0.1					
5 „	.888	29.018	84.3	78.0	6.3	75.6	.870	.76	84.0	82.5	„	0.2					
6 „	.911	.016	82.0	78.0	4.0	76.5	.895	.84	83.0	82.6	SW	0.2					
7 „	.924	.042	81.0	77.4	3.6	76.0	.882	.85	82.0	82.6	„	0.1					
8 „	.941	.064	80.0	77.0	3.0	75.8	.877	.88	81.6	82.5	„	0.1					
9 „	.954	.116	80.0	76.0	4.0	74.4	.838	.84	81.0	82.5	„	0.0					
10 „	.959	.111	80.0	76.2	3.8	74.8	.848	.85	80.7	82.5	„	0.0					
11 „	.955	.110	79.4	76.0	3.4	74.7	.845	.86	80.2	82.4	„	0.0					
Nov. 5th-Midnight	29.941	29.072	79.3	76.6	2.7	75.5	.869	.89	80.1	82.3	SW b W	0.0					
1 a. m.	.928	.083	79.4	76.0	3.4	74.7	.845	.86	80.2	82.2	„	0.0					
2 „	.915	.030	79.3	77.0	2.3	76.1	.885	.90	80.0	82.2	„	0.0					
3 „	.913	.061	78.7	76.0	2.7	74.9	.852	.89	79.7	82.1	SW	0.0					
4 „	.920	.068	78.7	76.0	2.7	74.9	.852	.89	79.5	82.0	S	0.0					
5 „	.941	.085	78.4	76.0	2.4	75.1	.856	.90	79.5	82.0	„	0.3					
6 „	.974	.150	77.7	75.0	2.7	73.9	.824	.89	79.5	82.0	SSE	0.6					
7 „	.991	.167	77.7	75.0	2.7	73.9	.824	.89	79.2	81.9	„	0.4					
8 „	30.015	.199	78.3	75.1	3.7	73.7	.816	.85	79.8	81.9	„	0.4					
9 „	.024	.223	80.6	75.2	5.4	73.0	.801	.78	80.5	82.0	„	0.4					
10 „	.015	.206	82.6	76.0	6.6	73.3	.809	.75	81.5	82.0	„	0.4					
11 „	29.993	.219	83.3	75.3	8.0	71.9	.774	.70	82.0	82.0	„	0.2					
Noon.	.968	.199	82.7	75.0	7.7	71.7	.769	.71	82.0	82.0	„	0.1					
1 p. m.	.930	.193	82.2	74.0	8.2	70.4	.737	.69	82.0	82.1	SE b S	0.0	None.	None.	None.	None.	None.
2 „	.905	.141	83.2	75.0	8.2	71.5	.764	.69	82.3	82.2	„	0.0					
3 „	.886	.100	84.2	76.0	8.7	72.4	.786	.68	83.2	82.2	SE	0.0					
4 „	.886	.131	84.0	75.0	9.0	71.2	.755	.67	83.0	82.2	NW	0.0					
5 „	.894	.087	82.8	76.0	6.8	73.2	.807	.74	82.3	82.2	„	0.1					
6 „	.908	.067	81.5	76.5	5.0	74.5	.841	.80	81.2	82.2	„	0.1					
7 „	.921	.090	80.6	76.0	4.6	74.1	.831	.82	81.0	82.2	NNW	0.1					
8 „	.935	.084	80.6	76.5	4.1	74.9	.851	.84	81.0	82.2	„	0.1					
9 „	.947	.077	80.6	77.0	3.6	75.6	.870	.85	81.0	82.1	„	0.1					
10 „	.950	.093	80.0	76.5	3.5	75.1	.857	.86	80.7	82.1	„	0.1					
11 „	.943	.096	79.2	76.0	3.2	74.7	.847	.87	80.0	82.0	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩≀ cumulo-strati; and ≀≀ nimbi.	
3	B	≀≀ in the E half of the sky rising towards the zenith.	
6	D	⌣ and ≀≀ scattered throughout moving W; gloomy.	
8	D	Overcast; ⌣ and ≀≀; a break about 3 or 4 degrees in height from N to S (by W); dull and gloomy.	
8	D	" " "	
8	D	" " "	
8	C	Overcast; ⌣ and light ≀≀ moving S W.	
8	C	" "	
8	C	Overcast; ⌣ and light ≀≀ moving S W; a few stars visible in E.	
8	C	Overcast with loose ≀≀.	
4	B	≀≀ scattered about.	
2	B	≀≀ scattered around hor.	
2	B	" "	
2	B	≀≀ scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 84°4 and 84°3. Reading of wet bulb thermometer at 4 P. M. was 74°0, greatest in the month and about 3°2 greater than the normal mean.
2	D	" "	
2	D	" "	
2	D	" "	
4	D	" "	
8	C	≀≀ and ⌣ scattered throughout; ≀ in the E.	
7	C	≀≀, ⌣ and L ≀≀ scattered throughout.	
8	C	" "	
8	C	" "	
8	B	" "	
6	B	" "	
6	B	≀≀ in the N; ∩≀ in the NE and E rising towards zenith.	
3	B	∩≀ and ∩≀ along the hor. from N to SSE.	
3	D	" "	
3	D	" "	
3	D	" "	
4	D	" "	
6	C	⌣ in the E, N and W; ∩≀ in the NE and ≀≀ scattered throughout.	
3	C	" " "	
5	C	⌣ and ≀≀ scattered around hor.	
4	C	⌣ and ≀≀ scattered around hor; slight dew.	
7	B	≀≀ scattered throughout.	
6	B	" "	
7	B	" "	
8	B	Overcast with ≀≀ and L ≀≀; the latter moving N.	Mean daily temperature of ground 20 and 60 inches below its surface 84°4 and 84°2.
6	D	≀≀ and L ≀≀ throughout.	5th November was the 42nd day on which lightning was observed after sunset; it was the 19th day on which the fall of rain was less than 0°01 in.
7	D	" "	
5	D	" "	
7	D	" "	
8	C	Overcast with ≀≀ and L ≀≀, the latter moving WNW.	
8	C	" " "	
8	C	⌣ in the E and W; ≀≀ and ≀≀ throughout; mist.	
8	C	Overcast; ⌣, ≀≀ and ≀≀; mist.	
8	B	" "	
8	B	" "	
8	B	Overcast; ⌣, ≀≀ and ≀≀; breaking in SE and S.	
8	B	Overcast; ⌣, ≀≀ and ≀≀; breaking in SE and S; thin drops of rain at 0h. 54m. p. m.	
8	D	" " "	
8	D	" " "	
8	D	" " "	
5	D	≀≀ and ≀≀ scattered all round except in S and SE.	
3	B	∩≀ in from N to SE; ≀≀ in the NW, W and SW.	
3	B	" " "	
2	B	≀≀ around hor. except S hor.; lightning in NNE.	
2	B	" " "	
1	B	≀≀ around hor. except S hor.; lightning in NNE; slight dew.	
1	B	Clouded around hor; lightning in NE and N; dew.	
2	B	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or−	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in the recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 7th-Midnight	29.929	29.128	79°8	75°0	4°8	73°0	0.801	0.81	80°5	82°3	NNE	0.1					
1 a. m.	.906	.141	79.6	74.0	5.6	71.6	.765	.78	80.0	82.4	,,	0.0					
2 ,,	.894	.122	79.0	74.0	5.0	71.8	.772	.80	79.8	82.3	,,	0.0					
3 ,,	.883	.141	78.4	73.0	5.4	70.6	.742	.78	79.2	82.2	,,	0.0					
4 ,,	.892	.112	78.5	74.0	4.5	72.2	.780	.82	79.3	82.1	,,	0.0					
5 ,,	.910	.124	78.0	74.0	4.0	72.4	.786	.83	79.3	82.1	,,	0.0					
6 ,,	.940	.177	77.2	73.2	4.0	71.5	.763	.83	79.2	82.0	,,	0.1					
7 ,,	.956	.176	78.5	74.0	4.5	72.2	.780	.82	79.4	82.0	,,	0.1					
8 ,,	.973	.186	81.1	75.0	6.1	72.5	.787	.76	81.0	82.1	,,	0.1					
9 ,,	.978	.162	82.7	76.2	6.5	73.6	.816	.75	81.5	82.1	,,	0.1					
10 ,,	.975	.142	84.0	77.0	7.0	74.2	.833	.73	82.5	82.2	,,	0.1					
11 ,,	.948	.124	85.6	77.2	8.4	72.9	.824	.69	83.3	82.4	NW	0.1	None.	None.	None.	None.	None.
Noon.	.917	.073	86.6	78.0	8.6	74.6	.844	.69	84.0	82.4	,,	0.2					
1 p. m.	.885	.049	87.4	78.0	9.4	74.3	.836	.66	84.8	82.4	NW b W	0.1					
2 ,,	.873	.042	87.8	78.0	9.8	74.1	.831	.65	85.0	82.4	,,	0.3					
3 ,,	.855	.019	87.4	78.0	9.4	74.3	.836	.66	84.8	82.6	WNW	0.1					
4 ,,	.861	28.979	87.0	79.0	8.0	76.0	.882	.71	84.2	82.7	NW	0.0					
5 ,,	.876	.963	84.2	79.0	5.2	77.1	.913	.80	84.0	82.9	,,	0.2					
6 ,,	.889	.963	83.0	79.0	4.0	77.5	.926	.84	83.3	83.0	,,	0.1					
7 ,,	.911	.976	82.2	79.0	3.2	77.8	.935	.87	83.0	83.0	NW b W	0.1					
8 ,,	.927	29.003	81.3	78.5	2.8	77.5	.924	.88	82.2	83.0	NW	0.1					
9 ,,	.927	.021	81.0	78.0	3.0	76.8	.906	.88	82.0	82.9	,,	0.1					
10 ,,	.911	.001	80.6	78.0	2.6	77.0	.910	.89	81.6	82.8	,,	0.2					
11 ,,	.900	28.990	80.6	78.0	2.6	77.0	.910	.89	81.4	82.7	,,	0.2					
Nov. 8th-Midnight	.888	.977	80.5	78.0	2.5	77.0	.911	.90	81.2	82.5	NW	0.2					
1 a. m.	.869	.952	80.0	78.0	2.0	77.2	.917	.92	80.3	82.4	,,	0.0					
2 ,,	.855	.971	79.4	77.0	2.4	76.1	.884	.90	80.0	82.4	,,	0.0					
3 ,,	.854	.966	79.0	77.0	2.0	76.2	.888	.92	80.0	82.3	,,	0.0					
4 ,,	.856	.961	78.4	77.0	1.4	76.5	.895	.94	79.7	82.3	,,	0.0					
5 ,,	.873	29.013	78.0	76.0	2.0	75.2	.860	.92	79.6	82.3	,,	0.1					
6 ,,	.897	.037	78.0	76.0	2.0	75.2	.860	.92	79.6	82.3	NW b N	0.1					
7 ,,	.924	.056	79.0	76.5	2.5	75.5	.868	.90	80.0	82.3	NNE	0.1					
8 ,,	.938	.032	81.0	78.0	3.0	76.8	.906	.88	81.0	82.4	,,	0.1					
9 ,,	.944	.069	82.0	77.5	4.5	75.8	.875	.82	81.5	82.5	,,	0.1					
10 ,,	.930	.044	82.8	78.0	4.8	76.1	.886	.81	82.0	82.5	,,	0.1					
11 ,,	.900	.078	85.0	77.0	8.0	73.8	.822	.70	83.0	82.6	N	0.1	None.	None.	None.	None.	None.
Noon.	.869	.042	86.7	77.6	9.1	74.0	.827	.67	84.0	82.7	NNW	0.2					
1 p. m.	.835	.006	88.0	78.0	10.0	74.1	.829	.65	84.8	82.7	NW b W	0.2					
2 ,,	.819	28.992	88.2	78.0	10.2	74.0	.827	.64	85.0	82.8	WNW	0.1					
3 ,,	.816	.945	88.0	79.0	9.0	75.6	.871	.68	85.3	82.8	,,	0.1					
4 ,,	.829	.949	87.2	79.0	8.2	75.9	.880	.70	85.0	82.9	,,	0.1					
5 ,,	.854	.950	85.0	79.0	6.0	76.8	.904	.77	84.3	83.1	,,	0.1					
6 ,,	.872	.948	83.2	79.0	4.2	77.5	.924	.84	83.6	83.2	,,	0.1					
7 ,,	.884	.958	83.0	79.0	4.0	77.5	.926	.84	83.3	83.3	,,	0.2					
8 ,,	.898	.965	82.4	79.0	3.4	77.8	.933	.86	83.0	83.3	NW	0.2					
9 ,,	.910	29.017	82.2	78.0	4.2	76.4	.893	.83	82.4	83.1	NW b N	0.2					
10 ,,	.906	28.985	81.6	78.5	3.1	77.4	.921	.87	82.2	83.0	,,	0.1					
11 ,,	.895	.989	81.0	78.0	3.0	76.8	.906	.88	82.0	83.0	NNW	0.1					
Nov. 9th-Midnight	.888	29.002	80.3	77.3	3.0	76.1	.886	.88	81.3	83.0	NNW	0.1					
1 a. m.	.877	28.962	80.2	78.0	2.2	77.2	.915	.91	81.0	83.0	,,	0.1					
2 ,,	.868	.993	80.2	77.0	3.2	75.8	.875	.87	81.0	83.0	N	0.2					
3 ,,	.866	.989	80.0	77.0	3.0	75.8	.877	.88	81.0	82.9	NNW	0.3					
4 ,,	.872	.990	79.5	77.0	2.5	76.0	.882	.90	80.7	82.9	,,	0.1	None.	None.	None.	None.	None.
5 ,,	.891	29.077	78.6	75.0	3.6	73.5	.814	.85	80.5	82.8	N	0.1					
6 ,,	.915	.059	78.7	76.1	2.6	75.1	.856	.89	80.2	82.8	NNE	0.2					
7 ,,	.942	.091	79.8	76.3	3.5	75.1	.857	.86	80.7	82.7	NEbN	0.1					
8 ,,	.957	.115	81.8	76.6	5.2	74.6	.842	.80	81.7	82.8	NE	0.2					
9 ,,	.967	.138	83.6	76.8	6.8	74.1	.829	.74	82.5	82.8	ENE	0.1					
10 ,,	.962	.160	85.0	76.5	8.5	73.1	.802	.68	83.2	82.8	,,	0.1					
11 ,,	.930	.129	86.9	77.0	9.9	73.0	.801	.64	84.0	83.0	E b N	0.1					

Amount of Clouds, 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≡ cirri; ≡ cirro-cumuli; ≡ cumuli; ≡ cirro-strati; ≡ cumulo-strati; and ≡ nimbi.	
0	B	A few ≡ in the E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°4. At 7 P. M. the temperature of dew-point was 77°8, greatest in the month and about 6°2 greater than the normal mean.
0	D	" "	
0	D	" "	
0	D	" "	
0	D	" "	
1	C	≡ scattered along E hor.	
1	C	≡ scattered along E hor.; fog in hor. from S to NE.	
0	C	≡ in the E; thick fog in E, SE and S; mist in W.	
0	C	" " "	
0	B	" " "	
1	B	≡ along the hor. from NE to SE; mist.	
1	B	" "	
2	B	≡ and ≡ from N to S hor. (by E).	
2	D	" "	
2	D	" "	
2	D	" "	
2	D	" "	
2	C	≡ and ≡ from N to S hor.; lightning in NE and N.	
2	C	≡ and ≡ from N to S hor.; continuous lightning in N and NE.	
2	C	" " " "	
2	C	≡ and ≡ from N to S hor.; lightning at intervals of 1m. 15s.	
0	B	A few clouds along eastern hor.; lightning at longer and longer intervals; slight dew.	
0	B	A few clouds along eastern hor.; no lightning; dew.	
1	B	≡ in the N, NE, E and SE; dew falling.	
1	B	≡ around hor.; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 84°2 and 84°5. 8th November was the 44th day on which lightning was observed after sunset.
1	D	" "	
0	D	A few ≡ in hor.; dew.	
0	D	" "	
1	D	≡ in the E and SE; dew.	
3	C	≡ scattered about the hor.; dew.	
6	C	≡ and ≡ scattered about; fog all round the hor.	
6	C	" " "	
5	C	" " "	
4	B	≡ and ≡ scattered about; mist in W and S hor.	
6	B	" " "	
5	B	" " "	
4	B	≡, ≡ and ≡ scattered about; mist.	
4	D	" "	
5	D	" "	
5	D	" "	
4	D	≡ in the NE, E and SE; ≡ scattered about the sky. [50m.	
3	C	≡ in the NE, E and SE; ≡ scattered about the sky; lightning in NE observed at 5h.	
3	C	≡ in the NE, E and SE; ≡ scattered about the sky; lightning in NE and E.	
5	C	≡ in the NE, E and SE; ≡ scattered about the sky; lightning in NE; halo round the moon.	
6	C	≡ in the NE and E; ≡ and ≡ scattered throughout; lightning in NE; lunar halo.	
8	B	≡ in the NE and E; D ≡ throughout; lightning; lunar halo.	
8	B	Nearly overcast; ≡, ≡ and ≡; motion of ≡ NW; flashes of lightning occasionally.	
8	B	" " " "	
8	B	Overcast; ≡ and ≡; lightning in ENE.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°4. Max. tension of electricity by Henley's Apparatus 6. Maximum length of the spark by Ronald's Measure 0·10 in. 9th November was the 45th day on which lightning was observed; it was the 9th day on which thunder was heard, and the 20th day on which the fall of rain was less than 0·01 in.
8	D	" " "	
8	D	" " "	
8	D	" " "	
4	D	≡ scattered about the sky.	
3	C	≡ in the E and S; ≡ in W of zenith.	
4	C	≡ and ≡ scattered about; fog in E.	
5	C	" "	
6	C	" "	
4	B	≡ around the hor.; ≡ about the sky.	
4	B	" "	
3	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 9th–Noon.	29.898	29.041	89°3	79°0	10°3	75°1	0.857	0.64	86°6	83°2	E b N	0.5					
1 p. m.	.860	.031	88.0	78.0	10.0	74.1	.829	.65	85.8	83.2	WNW	0.6					
2 „	.843	.014	88.0	78.0	10.0	74.1	.829	.65	85.4	83.2	NW b W	0.8					
3 „	.834	.005	88.0	78.0	10.0	74.1	.829	.65	85.6	83.3	„	0.9					
4 „	.875	.075	88.0	77.0	11.0	73.0	.800	.61	85.3	83.2	ESE	0.0					
5 „	.873	.042	84.2	77.0	7.2	74.1	.831	.73	84.4	83.3	„	0.1	None.				
6 „	.881	.008	84.0	78.0	6.0	75.7	.873	.77	84.0	83.4	NW	0.3					
7 „	.915	.031	83.0	78.0	5.0	76.1	.884	.80	83.5	83.5	N	0.2					
8 „	.924	.099	81.2	76.0	5.2	73.9	.825	.79	82.2	83.4	ENE	0.1		+	·6		1.13
9 „	.953	.187	81.3	74.5	6.8	71.6	.766	.73	82.1	83.2	E b N	0.7		+	1		Above 10m.
10 „	.954	.228	79.8	73.0	6.8	69.9	.726	.73	80.6	83·0	E	3.0		+	Out of Sc.	45	Instantly.
11 „	.961	.331	78.7	70.0	8.7	65.6	.630	.66	79.8	82.9	NE	0.4		—	Out of Sc.	Out of Sc.	
Nov. 10th-Midnight	.918	.342	77.5	68.0	9.5	62.9	.576	.63	78.7	82.6	ESE	0.1	0.21	—	Out of Sc.	Out of Sc.	
1 a. m.	.911	.238	78.0	71.0	7.0	67.6	.673	.72	78.3	82.4	NE	0.7					
2 „	.900	.220	77.4	71·0	6.4	68.0	.680	.73	78.2	82.4	„	0.0					
3 „	.897	.168	76.2	72.0	4.2	70.1	.729	.82	77.8	82.3	„	0.1					
4 „	·901	.181	77.0	72.0	5.0	69.7	.720	.79	77.6	82.2	ENE	0.2					
5 „	.914	·157	77.0	73.0	4.0	71.2	.757	.83	77.6	82.2	NE b E	0.3					
6 „	.932	.159	77.2	73.5	3.7	71.9	.773	.84	77.6	82·2	ENE	0.4					
7 „	.956	.167	78·4	74.2	4.2	72.6	.789	.83	78.5	82.1	„	0.4					
8 „	.981	.197	79.7	74.5	5.2	72.3	.784	.79	80.0	82.1	„	0.3					
9 „	.997	.199	81.9	75.5	6.4	72.9	.798	.75	80.9	82.1	„	0.4					
10 „	.991	.197	84.0	76.0	8·0	72.8	.794	.70	82.0	82.2	„	0.2					
11 „	.975	.203	86.0	76.0	10.0	71.8	.772	.64	83.8	82.3	„	0·1					
Noon.	.952	·166	88.3	77.0	11.3	72.4	.786	·61	85.0	82.4	„	0.1					None.
1 p. m.	.916	.177	89·0	76.0	13.0	70.5	.739	.56	85.7	82.6	„	0.0					
2 „	892	.085	90.0	78.0	12.0	73.2	.807	.59	86.5	82.8	„	0.0					
3 „	.889	.144	92.0	77.0	15.0	70.7	.745	.51	87.2	82.9	NW	0.0					
4 „	.893	.033	89.0	79.0	10.0	75.2	.860	.65	86.3	83.0	WNW	0.1					
5 „	.915	.017	85.5	79.0	6.5	76.6	.898	.76	85.3	83.1	NW	0.3					
6 „	.930	.015	84.0	79.0	5.0	77.2	·915	.81	84.3	83.2	„	0.3					
7 „	.950	.066	83.0	78.0	5.0	76.1	.884	.80	84.0	83 3	„	0.2					
8 „	.962	.089	82.2	77.5	4.7	75.7	.873	.81	83.7	83.2	„	0.2					
9 „	.985	.130	82.0	77.0	5 0	75.0	.855	.80	83.0	83.1	„	0.1					
10 „	.987	.138	80.8	76.5	4.3	74.8	.849	.82	82.0	83.0	N	0.0					
11 „	.987	.163	79.5	75.5	4.0	73.9	.824	.84	81.0	83.0	„	0.0					
Nov. 11th-Midnight	.981	.165	79.5	75.3	4.2	73.6	.816	.83	80.6	82.9	N	0.0					
1 a. m.	.965	.187	78.7	74·0	4.7	72.1	.778	.81	79.5	82.9	„	0.0					
2 „	.960	.218	78.4	73.0	5.4	70.6	.742	.78	79.4	82.8	„	0.0					
3 „	.950	.208	78.4	73.0	5.4	70·6	.742	.78	79.3	82.8	NNE	0.0					
4 „	.955	.213	78.4	73.0	5.4	70·6	.742	.78	79.2	82.7	ENE	0.0					
5 „	.971	.217	78.6	73.4	5.2	71.1	.754	.79	79.2	82.6	„	0,2					
6 „	30.000	.233	78.2	73.6	4.6	71.6	.767	.81	79.2	82.6	„	0.1		+	·6		1.17
7 „	.023	.256	78.2	73.6	4.6	71.6	.767	.81	79.3	82.5	SSE	0.2					
8 „	.044	.314	81.5	73.6	7.9	70.1	.730	.70	81.0	82.5	SE b S	0.3					
9 „	.061	.336	83.3	74.0	9.3	69.9	.725	.65	82.0	82.5	SSE	0·4					
10 „	.057	.309	85.3	75.2	10.1	70.9	.748	.63	83.0	82.6	„	0.2					
11 „	.033	.387	87.0	73.0	14.0	66.4	.646	.52	84.2	82.7	„	0.1					
Noon.	.009	·322	88.5	74.5	14.0	68.2	.687	.53	85.1	82.9	„	0.1	None.			None.	
1 p. m.	29.972	.244	90·0	76.0	14.0	70.0	.728	.53	85.4	83.0	W	0.0					
2 „	.943	.131	89.5	78.0	11.5	73.4	.812	.62	86.0	83.0	WNW	0.1					
3 „	.937	.145	87.5	77.0	10.7	72.7	.792	.62	85.7	83.1	NW b W	0.1					
4 „	.939	.119	85.2	77.0	8.2	73.7	.820	.69	84.3	83.0	WNW	0.1					
5 „	.949	.092	83·7	77.5	6.2	75.1	.857	.76	84.0	83 2	NW b W	0.3					
6 „	.967	.083	83.0	78.0	5.0	76.1	.884	.80	83.2	83.3	NW	0.3					
7 „	.987	.163	82.0	76.2	5.8	73.9	.824	.77	82.8	83.3	„	0.4					
8 „	30.010	.155	82.0	77·0	5.0	75.0	.855	.80	83.5	83.2	„	0.5					
9 „	.027	.168	81·6	77.0	4.6	75.2	.859	.82	82·0	83.1	NNW	0.1					
10 „	.028	.205	80.0	75.6	4.4	73·8	.823	.82	81.2	83·0	„	0.0					
11 „	.018	.228	79.1	74.5	4.6	72.6	.790	.81	80.3	82.9	„	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cci cirro-cumuli; Cu cumuli; Csi cirro-strati; Csu cumulo-strati; and Ni nimbi.	Remarks.
3	B	Cu in the NE and E; Ci scattered about.	
6	D	" "	
3	D	" "	
2	D	" "	
5	D	Csu along the eastern hor.; Cci and Ci scattered about the sky.	
6	C	Csu and Csi in the NE and E; Ci and Cci scattered throughout; lightning in NE observed at 5h. 40m.	
7	C	Csu in the N, NE and E; Csi in the S and W; Cci and Csi scattered throughout; lightning in NE.	
7	C	" " " "	
8	C	Overcast: Csu and Csi; continuous lightning in NE; threatening appearance in NE. [In NE since 0h. 50m.	
8	B	Dark Csu cover nearly the northern half of the sky; Cci in SE and W, and Csi moving to W; continuous lightning and thunder	
8	B	Clouded as above; lightning continuous; thunder at intervals; a squall of rain and wind commenced at about the end of the hour.	
8	B	Overcast; Csi, Csu and Csi; a break in S; wind and rain continued till 11h. 30m., afterwards no thunder was heard.	
8	B	Nearly overcast: Csu, Csi and Csi; Csi moving NW; a few drops of rain at 0h. 7m.; no lightning.	Mean daily temperature of ground 20 and 60 inches below its surface 84°2 and 84°4. Daily fall of rain by Osler's Gauge 0·13 in. Maximum tension of electricity by Henley's Apparatus 3. Maximum length of the spark by Ronald's Measure 0·05 in.; at 3 P.M. the temperature of free air was 92°0, highest during the month and about 7°2 higher than the normal mean.
8	D	" "	
4	D	Csi and Cci scattered about.	
2	D	Ci and Cci scattered around hor.	
1	D	" "	
2	C	" "	
6	C	Cci in the NW; Ci throughout the sky moving E.	
8	C	Lightly overcast with Ci; Cci from N to SE; fog in E and SE.	
8	C	" " "	
5	B	Cci along the eastern hor.; Ci about the sky; mist in W.	
5	B	" " "	
7	B	Ci in the SW; Cci throughout the sky; mist in hor.	
7	B	" " "	
5	D	" " "	
6	D	" " "	
7	D	" " "	
6	D	Ci scattered throughout; Cci around hor.	
8	C	Ci scattered throughout; Cci around hor.; halo round the moon observed at 5h. 55m.	
8	C	" " "	
7	C	Ci scattered throughout; Cci around hor.; halo round the moon till the close of the hour.	
8	C	Overcast; Ci and Cci; Cci moving SW; Ci moving NE.	
7	B	Cci and D Ci scattered throughout.	
6	B	" "	
7	B	" "	
7	B	Cci scattered throughout moving W; Ci in the E.	Mean daily temperature of ground 20 and 60 inches below its surface 84°2 and 84°3.
5	D	" " "	
7	D	Cci in the S; Ci throughout.	
7	D	Cci in the W; Ci throughout.	
7	D	Ci scattered throughout.	
6	C	Cci in the E and W; Ci throughout.	
6	C	Cci and Ci throughout; haze in E.	
8	C	Overcast; Ci and Cci; fog in E and mist in W.	
8	C	" " "	
8	B	Ci scattered throughout moving NE; Cci around hor.	
8	B	" " "	
8	B	" " "	
8	B	" " "	
8	D	" " "	
8	D	" " "	
8	D	Cu from N to SE hor.; Ci throughout.	
8	D	" "	
8	C	Overcast; Cci and Ci; Cu in the NE.	
8	C	" "	
8	C	" "	
8	C	" "	
8	B	Overcast; Cci moving W.	
7	B	Cci and Ci throughout.	
6	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Strawsof Volta 1.	Electrical Instruments. Readings of Strawsof Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 12th-Midnight	30.009	29.196	78°7	75°0	3°7	73°5	0.813	0.85	80°0	82°9	NNW	0.0					
1 a. m.	29.994	.215	78.4	74·0	4.4	72.1	.779	.82	80.0	82.9	„	0.0					
2 „	.975	.194	78.2	74.0	4.2	72.2	.781	.83	79.8	82.7	NNE	0.0					
3 „	.963	.182	78.2	74.0	4.2	72.2	.781	.83	79.7	82.6	„	0.0					
4 „	.963	.220	78.3	73.0	5.3	70.7	.743	.78	79.6	82·6	„	0.0					
5 „	.996	.257	78.6	73.0	5.6	70.5	.739	.77	79.6	82.5	E	0.1					
6 „	30.018	.283	79.0	73.0	6.0	70.3	.735	.76	79.5	82.5	„	0.2					
7 „	.038	.309	80.2	73.2	7.0	70.1	.729	·72	80.2	82.4	„	0.2					
8 „	·058	.316	81.7	74.0	7.7	70.6	.742	.70	81.2	82.5	„	0.1					
9 „	.067	.350	84.0	74.0	10.0	69·6	.717	.63	82.0	82.6	„	0.2					
10 „	.058	.299	86.4	75.8	10.6	71.3	.759	.62	83.6	82.6	„	0.1	None.			None.	
11 „	.032	.329	87.0	74.5	12.5	69.0	.703	.56	84.2	82.7	„	0·1					
Noon.	29.997	.265	89.6	76·0	13.6	70.2	.732	.54	85.9	83.0	„	0.1					
1 p. m.	.953	.272	90.7	75.0	15.7	68.0	.681	.49	85.8	83.0	WNW	0.0					
2 „	.927	.276	90.0	74·0	16.0	66.6	.651	.45	86.0	83.1	NW b W	0.4					
3 „	.917	.130	88.2	77.0	11.2	72.5	.787	.61	85.8	83.1	NW	0.1					
4 „	.918	.159	87.2	76.0	11.2	71.3	.759	.60	85.2	83.1	„	0.4					
5 „	.933	.125	84.5	76.5	8.0	73.3	.808	·70	84.2	83.2	NNW	0.4					
6 „	.943	.118	82·6	76.4	6.2	73.9	.825	.76	83.5	83.3	„	0.7					
7 „	·967	·151	82.0	76.0	6.0	73.6	.816	.77	83.0	83.3	„	0.6					
8 „	.990	.169	81.5	76.0	5.5	73.8	.821	.78	82.6	83.2	„	0.4					
9 „	.999	.202	80.2	75.0	5.2	72.9	.797	.79	82.0	83.1	N	0.3		+ +	8		0.54
10 „	.998	.263	79.0	73.0	6.0	70.3	.735	.76	81.7	83.0	„	0·2			4		2.34
11 „	.998	.237	78.2	73.2	5.0	71.0	.751	.79	81.0	82.9	„	0.1					
Nov. 14th-Midnight	.973	.338	76.8	69.5	7.3	65.8	.635	·70	78.1	82.2	NNE	0.0					
1 a. m.	.952	.263	76.5	71.0	5.5	68.3	.689	.77	77.2	82.1	„	0·0					
2 „	.935	.298	75.0	69.0	6.0	65.9	.637	.75	76.8	82·0	NE b N	0.0					
3 „	.933	.344	76.4	68.0	8.4	63.5	.589	.66	77.2	81.9	NE	0.0					
4 „	.938	.312	76.0	69.0	7.0	65.4	.626	.71	77.0	81.9	„	0.0					
5 „	.952	.322	75.6	69.0	6.6	65.6	.630	.73	77.0	81.8	ENE	0.1					
6 „	.980	.311	75.2	70.0	5.2	67.4	.669	.78	77.0	81.7	„	0.1					
7 „	30.002	.335	75.4	70.0	5.4	67.3	.667	.77	77.0	81.6	ESE	0.1					
8 „	.020	.451	78.2	68.0	10.2	62.5	.569	.60	78.0	81.6	E b S	0.2					
9 „	.031	.439	80·6	69.5	11.1	63.7	.592	.58	79.5	81.6	SE b S	0.5					
10 „	.015	.441	83.7	70.0	13.7	62.8	.574	.51	81.0	81.6	„	0.4	None.	None.	None.	None.	None.
11 „	29.986	.405	86.3	71.0	15.3	63.1	.581	.48	83.0	81.7	SSE	0.2					
Noon.	.957	.465	86.6	68.5	18.1	58.1	.492	.40	83.2	81.8	„	0.1					
1 p. m.	.916	.402	89.2	70·0	19.2	59.4	.514	.38	85·2	81.9	WNW	0.1					
2 „	.893	.286	87.2	72.0	15.2	64.5	.607	.48	84.0	82.0	NW	0.1					
3 „	.879	.260	86.2	72.0	14.2	65.1	.619	.51	83.8	82.1	WNW	0.1					
4 „	.872	.277	85.0	71.0	14.0	63.9	.595	.51	82.8	82.1	„	0.2					
5 „	.890	.264	82.2	71.0	11.2	65.4	.626	.58	82.0	82.2	NW	0.3					
6 „	.906	.292	80.2	70·0	10.2	64.8	.614	.61	81.0	82.3	NW b N	0.5					
7 „	.931	.304	79.0	70.0	9.0	65.4	.627	.65	80.5	82.3	NW	0.4					
8 „	.941	.289	79.4	71.0	8.4	66.9	.658	.67	80.2	82.2	„	0.3					
9 „	.963	.290	78·0	71.0	7.0	67.6	.673	.72	79.2	82.0	NNW	0.1					
10 „	.959	.298	76.6	70.2	6.4	67.1	.661	·74	78.0	81.8	N	0.1					
11 „	.944	.284	76.0	70.0	6·0	67.0	.660	.75	77.6	81.6	„	0.1					
Nov. 15th-Midnight	.930	.315	74·0	68.0	6.0	64.9	.615	.74	76.2	82.4	N b W	0.1					
1 a. m.	.907	.301	74.8	68.0	6.8	64.4	.606	·72	76·4	81.4	„	0.0					
2 „	.900	.229	75.0	70.0	5.0	67.5	.671	.79	76.2	81.3	NE	0.1					
3 „	.895	.262	75.4	69.0	6.4	65.7	.633	.73	76.4	81.2	„	0.1					
4 „	.901	.230	75.0	70.0	5.0	67.5	.671	.79	76.2	81.2	„	0.1	None.	None.	None.	None.	None.
5 „	.924	.309	74.0	68.0	6.0	64.9	.615	.74	76.0	81.2	„	0.2					
6 „	.946	.350	73.6	67.4	6·2	63.9	.596	.74	75.8	81.1	E b N	0.3					
7 „	.966	.362	75.0	68.0	7.0	64·3	.604	.71	76.0	81.0	E	0.2					
8 „	·993	.371	76.4	69.0	7.4	65.2	.622	.70	76.8	81.0	E b N	0.2					
9 „	30.002	.375	79.0	70.0	9.0	65.4	.627	.65	78.0	81.0	NE	0.2					
10 „	29.988	.448	80·8	68.0	12.8	60.9	.540	.53	79.4	81.0	„	0.3					
11 „	.955	.481	83.2	66.8	16.4	57.0	.474	.43	81.0	81.0	„	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are : Ci cirri; Cci cirro-cumuli; Cu cumuli; Cci cirro-strati; Cu cumulo-strati; and Cn nimbi.	
6	B	Ci and Ci scattered throughout; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°4. Height of barometer at 9 A.M. was 30·067 in., highest in the month and about 0·127 in. higher than the normal mean.
6	D	" " "	
6	D	" " "	
6	D	" " "	
6	D	" " "	
2	C	Ci and Ci around hor.	
2	C	Ci and Ci around hor.; fog in E.	
1	C	Ci in the E; fog and mist.	
1	C	" "	
1	B	Ci and Ci; mist.	
2	B	Ci and Ci around the hor.; mist.	
4	B	" "	
5	B	" "	
7	D	Cu in the NE and E; Ci scattered throughout.	
7	D	" "	
7	D	" "	
6	D	" "	
7	C	Cci in the E; Ci throughout.	
6	C	Ci scattered throughout; Cci in the E.	
3	C	" "	
6	C	" "	
5	C	" "	
5	C	" "	
5	C	" "	
5	B	Ci scattered about the sky.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°5.
4	D	Cci in the N; Ci about the sky.	
4	D	" "	
3	D	Ci all round the hor.	
2	D	" "	
1	C	Ci in the W.	
2	C	Ci scattered about here and there; fog in E.	
2	C	" "	
0	C	A few Ci in the E; mist in W and fog in E and SE.	
0	B	Mist around hor.	
0	B	" "	
0	B	" "	
0	B	" "	
0	D	" "	
0	D	" "	
0	D	" "	
0	D	" "	
0	C	" "	
0	C	" "	
0	C	Clear.	
0	C	"	
0	B	"	
0	B	"	
0	B	"	
0	B	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 84°3 and 84°5.
0	D	"	
0	D	"	
0	D	"	
0	D	"	
0	C	"	
0	C	Mist in W and N; fog in E and SE.	
0	C	A few Ci in the E; mist and fog.	
0	C	" "	
0	B	Mist around hor.	
0	B	" "	
0	B	" "	

Bombay Civil Time. 1864.	Standard Barometer: Corrected to 32° Fahr.	Standard Barometer: Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Strawson's Volta 1.	Electrical Instruments. Readings of Strawson's Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 15th-Noon.	29.918	29.491	85°0	66°0	19°0	53°9	0.427	0.36	82°1	81°1	NE	0.1					
1 p. m.	.887	.482	87.0	66.0	21.0	52.4	.405	.33	83.2	81.2	NNE	0.0					
2 „	.859	.435	88.2	67.0	21.2	53.7	.424	.33	83.8	81.3	„	0.0					
3 „	.842	.242	91.2	73.0	18.2	64.1	.600	.42	85.0	81.4	NNW	0.1					
4 „	.836	.267	87.4	71.0	16.4	62.5	.569	.45	84.2	81.5	NW	0.1					
5 „	.848	.231	83.0	71.0	12.0	65.0	.617	.56	83.0	81.6	„	0.3	None.	None.	None.	None.	None.
6 „	.860	.184	81.0	72.0	9.0	67.8	.676	.66	81.5	81.8	„	0.3					
7 „	.886	.214	79.8	71.5	8.3	67.6	.672	.68	81.0	81.8	„	0.2					
8 „	.909	.237	78.7	71.2	7.5	67.6	.672	.70	80.6	81.7	„	0.3					
9 „	.918	.269	77.0	70.0	7.0	66.5	.649	.71	78.5	81.6	NNW	0.1					
10 „	.916	.285	75.5	69.0	6.5	65.6	.631	.73	77.2	81.3	„	0.0					
11 „	.903	.307	74.2	67.5	6.7	63.9	.596	.72	76.5	81.1	„	0.0					
Nov. 16th-Midnight	.897	.255	74.5	69.0	5.5	66.2	.642	.77	76.3	81.0	NNW	0.0		+	2		2.30
1 a. m.	.881	.266	74.0	68.0	6.0	64.9	.615	.74	75.4	81.0	„	0.0					
2 „	.877	.240	75.0	69.0	6.0	65.9	.637	.75	76.0	80.9	NNE	0.1					
3 „	.879	.221	76.2	70.0	6.2	66.9	.658	.74	76.5	80.9	„	0.2					
4 „	.886	.284	75.2	68.0	7.2	64.2	.602	.70	76.4	80.9	„	0.2					
5 „	.905	.336	75.2	67.0	8.2	62.5	.569	.66	76.4	80.8	NE	0.2					
6 „	.934	.359	74.6	67.0	7.6	62.8	.575	.68	76.2	80.7	ENE	0.3					
7 „	.956	.383	75.4	67.2	8.2	62.7	.573	.66	76.2	80.6	NE b E	0.4					
8 „	.983	.411	76.7	67.6	9.1	62.7	.572	.64	77.0	80.5	NNE	0.4					
9 „	.995	.484	79.0	66.5	12.5	59.3	.511	.53	78.0	80.5	„	0.2					
10 „	.987	.458	81.3	68.0	13.3	60.3	.529	.50	79.2	80.5	NE	0.1					
11 „	.966	.462	84.0	68.0	16.0	58.9	.504	.44	81.0	80.6	„	0.1	None.		None.		
Noon.	.930	.493	87.0	67.0	20.0	54.6	.437	.35	83.0	80.8	„	0.1					
1 p. m.	.889	.501	88.5	66.0	22.5	51.1	.388	.30	84.0	80.9	„	0.0					
2 „	.868	.517	89.0	65.0	24.0	48.2	.351	.27	84.7	81.1	„	0.0					
3 „	.854	.289	91.0	72.0	19.0	62.3	.565	.40	85.6	81.3	„	0.0					
4 „	.865	.241	89.2	73.0	16.2	65.3	.624	.47	85.0	81.3	NW b W	0.0					
5 „	.887	.208	84.0	73.0	11.0	67.9	.679	.60	83.4	81.5	NW	0.1					
6 „	.899	.188	81.2	73.0	8.2	69.3	.711	.68	82.3	81.6	NW b N	0.2					
7 „	.913	.189	80.0	73.0	7.0	69.9	.724	.72	81.2	81.6	NNW	0.1					
8 „	.927	.229	79.0	72.0	7.0	68.7	.698	.72	80.6	81.5	„	0.1					
9 „	.928	.298	77.2	69.5	7.7	65.6	.630	.69	79.0	81.3	„	0.1					
10 „	.919	.315	75.0	68.0	7.0	64.3	.604	.71	77.0	81.1	N	0.1					
11 „	.918	.314	75.6	68.2	7.4	64.3	.604	.70	77.1	81.0	„	0.0		+	1		Above 10 m.
Nov. 17th-Midnight	.900	.314	76.6	68.0	8.6	63.4	.586	.65	77.5	80.8	NE b N	0.2					
1 a. m.	.892	.303	76.4	68.0	8.4	63.5	.589	.66	77.2	80.8	„	0.1					
2 „	.878	.352	76.2	66.0	10.2	60.1	.526	.59	77.0	80.9	ENE	0.3					
3 „	.876	.371	75.2	65.0	10.2	58.9	.505	.59	76.3	80.8	„	0.4					
4 „	.881	.346	75.4	66.0	9.4	60.6	.535	.58	76.5	80.7	„	0.3					
5 „	.901	.366	75.4	66.0	9.4	60.6	.535	.58	76.4	80.7	„	0.3					
6 „	.917	.408	75.4	65.2	10.2	59.2	.509	.59	76.4	80.6	„	0.2					
7 „	.947	.378	76.4	67.4	9.0	62.5	.569	.64	77.0	80.5	„	0.3					
8 „	.964	.454	78.2	66.2	12.0	59.2	.510	.54	78.0	80.5	„	0.3					
9 „	.983	.478	81.0	67.0	14.0	58.9	.505	.49	79.0	80.5	„	0.2					
10 „	.978	.453	82.8	66.2	14.6	60.1	.525	.48	80.5	80.6	„	0.2					
11 „	.961	.414	84.7	69.5	15.2	61.3	.547	.47	81.8	80.7	„	0.1					
Noon.	.927	.448	86.2	68.0	18.2	57.3	.479	.39	83.0	80.9	„	0.1	None.	None.	None.	None.	None.
1 p. m.	.894	.475	88.6	67.0	21.6	53.4	.419	.32	84.2	81.0	„	0.0					
2 „	.868	.221	90.4	74.0	16.4	66.4	.647	.47	85.0	81.2	NW	0.1					
3 „	.863	.225	87.7	73.0	14.7	66.0	.638	.50	84.8	81.4	NNW	0.1					
4 „	.874	.183	86.4	74.0	12.4	68.4	.691	.56	84.0	81.5	NW b N	0.1					
5 „	.890	.196	82.7	73.0	9.7	68.6	.694	.64	83.0	81.6	NNW	0.1					
6 „	.909	.198	81.2	73.0	8.2	69.3	.711	.68	82.0	81.7	„	0.2					
7 „	.927	.193	80.4	73.4	7.0	70.3	.734	.72	81.3	81.7	„	0.3					
8 „	.942	.218	80.0	73.0	7.0	69.9	.724	.72	81.0	81.6	„	0.3					
9 „	.949	.210	78.6	73.0	5.6	70.5	.739	.77	80.0	81.5	„	0.1					
10 „	.950	.276	76.6	70.6	6.0	67.7	.674	.75	78.6	81.5	N	0.1					
11 „	.942	.345	75.6	68.0	7.6	64.0	.597	.69	77.6	81.3	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌐i cirri; ∿i cirro-cumuli; ∩i cumuli; ⌣i cirro-strati; ∩⌣i cumulo-strati; and ∿⌣i nimbi.	
0	B	Mist around hor.	
0	D	" "	
0	D	A few ⌐i in the SW.	
7	D	Thin ⌐i scattered throughout.	
7	D	Thin ⌐i scattered throughout; haze.	
6	C	" "	
4	C	" "	
0	C	Cloudless.	
0	C	"	
0	B	"	
0	B	"	
0	B	"	
0	B	A few ⌐i above the NE hor.	Mean daily temperature of ground 20 and 60 inches below its surface 84°2 and 84°4. At 2 P. M. the temperature of dew-point was 48°2, lowest in the month and about 21°7 lower than the normal mean for the hour.
0	D	A few ⌐i in the E.	
0	D	" "	
0	D	" "	
0	D	" "	
0	C	" "	
0	C	A few ∿i in E and SE; fog in E and SE; mist in W.	
0	C	" " "	16th November was the 12th day from the beginning of the year on which the sky remained almost cloudless.
0	C	" " "	
0	B	Mist all round hor.	
0	B	" "	
0	B	" "	
0	B	" "	
0	D	" "	
0	D	" "	
0	D	" "	
0	D	Clear except a little mist in E hor.	
0	C	" "	
0	C	" "	
0	C	Cloudless.	
0	C	"	
0	B	"	
0	B	"	
0	B	"	
0	B	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 84°0 and 84°3.
0	D	"	
1	D	∿i in the S and SW.	
2	D	∿i scattered about moving N.	
2	D	∿i scattered around the hor.	
4	C	∿i scattered about the sky moving to N.	
6	C	∿i scattered throughout; fog in E.	
6	C	" "	
6	C	" "	
2	B	⌐i and ∿i scattered about; mist in hor.	
1	B	" "	
0	B	A few ⌐i above the E and SE hor.; mist.	
0	B	A few ∿i from E to SE hor.	
0	D	" "	
1	D	∿i in the S, SE and E.	
3	D	∿i scattered about the sky moving N.	
2	D	∿i scattered around hor.	
5	C	∿i scattered throughout the sky moving N.	
7	C	" "	
6	C	" "	
4	C	∿i scattered about.	
4	B	" "	
5	B	∿i scattered about the sky moving W.	
6	B	∿i scattered about the sky moving W; ⌐i in the E.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Readings of Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in Seconds between same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 18th-Midnight	29.930	29.304	76°0	69°0	7°0	65°4	0.626	0·71	77°7	81°2	E b N	0.1					
1 a. m.	.913	.287	76·0	69.0	7.0	65.4	.626	.71	77.5	81.1	,,	0.0					
2 ,,	.901	.288	74.2	68.0	6.2	64.8	.613	.74	76.0	81.0	,,	0.0					
3 ,,	.893	.278	74.0	68.0	6.0	64.9	.615	.74	75.8	80.9	,,	0.0					
4 ,,	.901	.310	73.2	67.0	6.2	63.6	.591	.73	75.0	80.8	ENE	0.0					
5 ,,	.915	.304	74.4	68·0	6.4	64.7	.611	.73	75.5	80.8	,,	0.1					
6 ,,	.939	.335	75.0	68.0	7.0	64.3	.604	.71	75.6	80.7	,,	0.1					
7 ,,	.971	.376	75.8	68.0	7.3	63.9	.595	.68	76.4	80.6	,,	0.1					
8 ,,	.992	.421	78.0	68.0	10.0	62.6	.571	.61	77.7	80.5	E b N	0.1					
9 ,,	30.000	.442	79.7	68.2	11.5	61.9	.558	.57	78.6	80.5	,,	0.1					
10 ,,	29·993	.534	82.2	66.0	16.2	56.1	.459	.43	79.9	80.6	ENE	0.1					
11 ,,	.971	.532	84.5	66.2	18.3	54.7	.439	.38	82·0	80.8	,,	0.1	None.	None.	None.	None.	None.
Noon.	.939	.508	87.5	67.0	20.5	54.2	.431	.34	84.0	81.0	,,	0.1					
1 p. m.	·899	.488	89.4	67.0	22.4	52.8	.411	.30	84.8	81.1	,,	0.0					
2 ,,	·881	.410	90.0	69.0	21.0	56.8	.471	.34	86.0	81.2	,,	0.0					
3 ,,	.869	·362	89.8	70.0	19.8	59.0	.507	.37	86.0	81.4	,,	0.0					
4 ,,	.873	.436	89·2	68.0	21.2	54.6	.437	.33	85.4	81.5	NE b E	0.0					
5 ,,	.895	.502	85.2	65.0	20.2	51.5	.393	.33	84.6	81.6	NNE	0.1					
6 ,,	.910	.449	82.0	66.0	16.0	56.2	.461	.43	83.0	81.7	,,	0.1					
7 ,,	·924	.440	80.0	66.0	14.0	57.6	.484	.48	81.4	81.7	N b E	0.1					
8 ,,	·939	·465	78.0	65.0	13.0	57.0	.474	.50	79.8	81.6	N	0.1					
9 ,,	.945	.511	77.5	63.5	14.0	54.4	.434	.47	78.8	81.5	,,	0.1					
10 ,,	.943	·571	76.2	61.0	15.2	49.9	.372	.42	77.6	81.3	,,	0.2					
11 ,,	.926	·533	77.0	62.0	15.0	51.5	.393	.43	78.0	81.0	NNE	0.3					
Nov. 19th-Midnight	.922	.510	78.0	63.0	15.0	52.9	·412	.44	78.2	80.8	NE	0.4					
1 a. m.	.903	.418	77.0	65.0	12.0	57·7	·485	.53	77.4	80.8	ENE	0.5					
2 ,,	.892	.398	76.2	65.0	11.2	58.3	·494	.55	76.8	80.7	,,	0.2					
3 ,,	.885	.382	75.4	65.0	10.4	58.8	·503	.58	76.3	80.7	,,	0.3					
4 ,,	.893	.451	75.4	63·0	12.4	55.0	·442	.51	76·2	80.6	,,	0.3					
5 ,,	.914	.510	76.1	62.0	14.1	52.3	·404	.46	76.7	80.6	,,	0.3					
6 ,,	.934	.518	75.0	62.0	13.0	53.2	·416	.49	76.1	80.5	,,	0.2					
7 ,,	.954	.538	75.0	62.0	13.0	53.2	·416	.49	76.0	80·3	NE b N	0.2					
8 ,,	.980	.566	78.0	65.0	13.0	57.0	·474	.50	77.5	80.2	ENE	0.2					
9 ,,	.987	.501	79.8	66.0	13.8	57.8	·486	.49	78.5	80.3	,,	0.5					
10 ,,	.977	.527	83.0	66.0	17.0	55.5	·450	.41	80.2	80.3	,,	0.6					
11 ,,	.957	.546	85.0	65.5	19.5	52.8	·411	.35	82.0	80.5	ESE	0.7					
Noon.	.929	.520	86.6	66.0	20.6	52.7	·409	.34	83.2	80.7	E b S	0.3					
1 p. m.	.888	.454	87.3	67.0	20.3	54.4	·434	.34	84.0	80.8	E b N	0.0	None.	None.	None.	None.	None.
2 ,,	.864	.463	87.4	66.0	21.4	52.1	·401	.32	84.0	81.0	,,	0.0					
3 ,,	.844	.472	90.0	66.0	24.0	49.9	·372	.27	84.3	81.2	WNW	0.0					
4 ,,	.850	.305	86.4	70.0	16.4	61.2	·545	.44	84.8	81.3	NW	0.1					
5 ,,	.862	.302	82.0	69.0	13.0	62.0	·560	.52	81.5	81.2	NNW	0.2					
6 ,,	.879	.263	80.0	70.0	10.0	64.9	·616	.62	80.3	81.2	,,	0.2					
7 ,,	.897	.306	79.2	69.0	10.2	63.7	·591	.61	79.8	81.2	,,	0·3					
8 ,,	.911	.346	78.5	68.0	10.5	62.3	·565	.59	79.3	81.1	,,	0.5					
9 ,,	.919	.281	78.0	70.0	8.0	66.0	·638	.68	79.0	81.1	,,	0.1					
10 ,,	.922	.300	76.4	69.0	7.4	65.2	·622	·70	78.3	81.1	,,	0.0					
11 ,,	.908	.360	74.2	66.0	8.2	61.4	·548	.66	76.0	81.0	,,	0.0					
Nov. 21st-Midnight	.894	.248	77.3	70.0	7.3	66.4	.646	·70	78.5	81.1	NNW	0.0					
1 a. m.	.882	.248	78.4	70.0	8.4	65.8	.634	.67	78·6	81.2	,,	0.0					
2 ,,	.878	.242	78.2	70.0	8.2	65.9	.636	.67	78.5	81.1	NNE	0.1					
3 ,,	.876	.216	79.2	71.0	8.2	67.0	.660	·68	79.4	81·0	ENE	0.3					
4 ,,	.885	.249	78.2	70.0	8.2	65.9	.636	.67	78.5	81.0	,,	0.5					
5 ,,	.897	.259	78.0	70.0	8.0	66.0	.638	.68	78.5	81.0	E b N	0.6	None.	None.	None.	None.	None.
6 ,,	.931	.260	78.2	71.0	7.2	67.5	.671	.71	78·4	81.0	ENE	0.5					
7 ,,	.945	.247	79.0	72.0	7.0	68.7	.698	.72	78.7	81.0	NE b E	0.5					
8 ,,	.966	.245	80.3	73.0	7.3	69·7	.721	.71	80.2	81.0	,,	0.4					
9 ,,	.977	.278	83.3	73.3	10.0	68.8	.699	.63	81.2	81.0	NE	0.3					
10 ,,	.973	.270	85.3	74.0	11.3	69.0	.703	.59	83.0	81.2	ENE	0.4					
11 ,,	.949	.194	86.8	75.8	11.0	71.2	.755	.61	84.6	81.5	SE b E	0.3					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ≀ cirro-strati; ∩≀ cumulo-strati; and ≀∩ nimbi.	
4	B	≀ in the E; ≀≀ scattered about moving W.	Mean daily temperature of ground 20 and 60 inches below its surface 84°0 and 84°2. At 10 P.M. the temperature of evaporation was 61°0, lowest during the month and about 10°4 lower than the normal mean.
2	D	" "	
2	D	≀ scattered about.	
1	D	" "	
0	D	Cloudless.	
0	C	"	
0	C	A few ≀ scattered in E; fog in E and SE.	
1	C	≀ in the E; thick mist in W and N; fog in E.	
1	C	" " "	
2	B	≀ scattered about; mist in E and W hor.	
4	B	≀ scattered about; mist in hor.	
5	B	" "	
6	B	≀ scattered throughout.	
5	D	" "	
6	D	" "	
2	D	≀ scattered around hor.	
2	D	" "	
1	C	" "	
0	C	≀ in the E and S.	
0	C	" "	
0	C	" "	
0	B	≀ in the E.	
3	B	≀ scattered around hor.	
4	B	" "	
3	B	≀ scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 84°0 and 84°3.
4	D	" "	
3	D	" "	
3	D	" "	
4	D	" "	
3	C	" "	
3	C	≀ scattered about; fog in E.	
7	C	≀ scattered throughout moving NW; fog.	
7	C	" " "	
7	B	≀ scattered throughout moving NW; mist in hor.	
8	B	" " "	
8	B	" " "	
5	B	" " "	
3	D	≀ scattered about moving N.	
2	D	" "	
3	D	≀ around the hor.	
3	D	" "	
2	D	" "	
3	D	" "	
3	D	" "	
1	D	" "	
1	D	" "	
0	D	A few clouds in hor.	
0	D	" "	
2	B	≀≀ scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 84°0 and 84°3.
2	D	" "	
1	D	≀≀ from N to SE, and in the SW.	
1	D	≀≀ around the hor.	
0	D	≀≀ around the hor; land breezes.	
1	C	≀≀ in the E and SE.	
2	C	≀≀ in the E and SE; fog in E and SE; mist in W and NW.	
2	C	" " "	
5	C	≀≀ scattered about the sky moving W; mist.	
2	B	" " "	
4	B	≀≀ scattered round the hor.	
5	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 21st-Noon.	29.924	29.127	87°3	77°0	10°3	72°9	0.797	0.63	85°0	81°7	ESE	0·2					
1 p. m.	.895	.211	87.0	74.0	13.0	68.1	.684	.55	85.0	81.8	,,	0.1					
2 ,,	.881	.195	86.8	74.0	12.8	68.2	.686	.56	84.8	81.9	,,	0.0					
3 ,,	.872	.180	86.3	74.0	12.3	68.5	.692	.57	84.5	82.0	,,	1.0					
4 ,,	.876	.069	86.4	77.0	9.4	73.2	.807	.66	84.2	82.0	NW b W	1.1					
5 ,,	.891	.056	83.8	77.0	6.8	74.3	.835	.74	83.8	82.1	NW	0.1				None.	
6 ,,	.905	.085	81.6	76.0	5.6	73.7	.820	.78	82.7	82.2	,,	0.2					
7 ,,	.929	.113	80.2	75.5	4.7	73.6	.816	.81	82.0	82.2	NNW	0.3					
8 ,,	.955	.157	80.1	75.0	5.1	72.9	.798	.79	81.4	82.1	N	0.3		+	8		1.12
9 ,,	.958	.175	78.0	74.0	4.0	72.3	.783	.83	79.4	81.9	ENE	0.5					
10 ,,	.942	.185	77.0	73.0	4·0	71.2	.757	.83	78.8	81.7	NNW	0.1	0.02				
11 ,,	.936	.140	78.1	74.4	3.7	72.8	.796	.85	79.0	81.6	N	0.3					
Nov. 22nd-Midnight	.928	.145	78·0	74.0	4.0	72.3	.783	.83	79.0	81.6	N b E	0.2					
1 a. m.	.914	.127	77.6	74.0	3.6	72.5	.787	.81	78.3	81.6	,,	0.0					
2 ,,	.900	.149	77.5	73.0	4.5	71.0	.751	.81	78.2	81.5	NE b E	0.1					
3 ,,	.897	.144	77.4	73.0	4.4	71.1	.753	.82	78.1	81.5	NE	0.0					
4 ,,	.895	.175	77.0	72.0	5.0	69.7	.720	.79	78.0	81.4	,,	0.0					
5 ,,	.926	.158	77·8	73.5	4·3	71.6	.767	.82	78.5	81.3	,,	0.1					
6 ,,	.947	.177	77.5	73.5	4.0	71.8	.770	.83	78.5	81.3	,,	0.2					
7 ,,	.963	.175	77.5	74.0	3.5	72.5	.788	.85	78.5	81.3	,,	0.2					
8 ,,	.983	.189	78.4	74.4	4.0	72.8	.794	.83	79.0	81.4	ENE	0·2					
9 ,,	.992	.231	80.0	74.0	6.0	71.4	.761	.76	79.7	81.4	ESE	0.3					
10 ,,	.985	.206	81.8	75.0	6.8	72.1	.779	.74	81.0	81.5	,,	0·2					
11 ,,	.978	.193	82.0	75·2	6.8	72.4	.785	.74	81.4	81.5	,,	0.1					
Noon.	.949	.161	81.0	75.0	6.0	72.5	.788	.76	81.0	81.5	,,	0.1	0.91	None.	None.	None.	None.
1 p. m.	.923	.172	84.4	75.0	9.4	71·0	.751	·65	82.8	81.6	E b S	0.0					
2 ,,	.905	.210	86.0	74.0	12.0	68.6	.695	.57	84.2	81.6	,,	0.0					
3 ,,	.890	.105	88.4	77.0	11.4	72.4	.785	.60	85.0	81.8	NNW	0.0					
4 ,,	.897	.068	88.0	78.0	10.0	74.1	.829	·65	84.8	81.9	WNW	0 0					
5 ,,	.923	.085	83.5	77.0	6.5	74.4	.838	.75	83.6	82.1	,,	0.1					
6 ,,	.936	.083	82.2	77.0	5.2	75.0	.853	.80	82.7	82.2	,,	0.0					
7 ,,	.954	.099	82.0	77.0	5.0	75.0	.855	.80	82.4	82.1	NW	0.1					
8 ,,	.976	.117	81.6	77.0	4.6	75.2	.859	.82	82.1	82.0	,,	0.2					
9 ,,	.989	.146	81.3	76.5	4.8	74.6	.843	.81	81.8	82.0	NNW	0.2					
10 ,,	.982	.191	79.7	74.7	5.0	72.6	.791	.80	80.6	82.0	,,	0.0					
11 ,,	.978	.175	79·6	75.0	4·6	73.1	.803	.81	80.4	82.0	,,	0.0					
Nov. 23rd-Midnight	.965	.191	78.8	74.0	4·8	71.9	.774	.80	80.0	82.0	NNW	0.0					
1 a. m.	.955	.179	78.6	74.0	4.6	72.0	.776	.82	78.8	82.0	,,	0.0					
2 ,,	.939	.197	78.4	73.0	5.4	70.6	.742	.78	78.6	81.8	NNE	0.0					
3 ,,	.937	.191	78.0	73.0	5.0	70.8	.746	.79	79.0	81.8	,,	0.1					
4 ,,	.938	.187	77.5	73.0	4·5	71.0	.751	.81	78.4	81.8	ESE	0.1					
5 ,,	.954	.203	77.5	73.0	4 5	71.0	.751	.81	78·4	81.7	E b S	0.4					
6 ,,	.977	.226	77.5	73.0	4.5	71.0	.751	.81	78.4	81.7	,,	0.4					
7 ,,	30.005	.224	78.2	74.0	4.2	72.2	.781	.83	79.0	81.6	,,	0.2					
8 ,,	.026	.256	80.6	74.4	6.2	71·8	.770	.76	80.4	81.7	,,	0.1					
9 ,,	.031	.252	82.6	75.2	7.4	72.1	.779	.72	81.0	81.7	,,	0.1					
10 ,,	.027	.265	83.4	75.0	8.4	71.4	.762	.68	82.7	81.8	E	0.1					
11 ,,	.000	.254	84.3	75.0	9.3	70.8	.746	.64	83.5	82.0	,,	0.1					
Noon.	29.977	.247	87.3	75.3	12.0	70.1	.730	.58	84.5	82.1	E b S	0.1	None.	None.	None.	None.	None.
1 p. m.	.941	.195	88.4	76.0	12.4	70.8	.746	.57	84.8	82.2	W b N	0.1					
2 ,,	.921	.096	88.4	78.0	10.4	73 9	.825	.63	85.7	82.3	WNW	0.1					
3 ,,	.944	.085	88.0	78.0	10.0	74.1	.829	.65	85.2	82.4	,,	0.1					
4 ,,	.913	.073	87.0	78.0	9.0	74.5	.840	.67	84.8	82.4	,,	0.1					
5 ,,	.946	.113	84.0	77.0	7.0	74.2	.833	.73	84.0	82.5	,,	0.1					
6 ,,	.960	.107	82.2	77.0	5.2	75.0	.853	.80	83.1	82.6	,,	0.3					
7 ,,	.963	.150	81.2	76.2	5.0	74.2	.833	.80	82.3	82.6	NW b W	0.3					
8 ,,	.996	.165	80.6	76.0	4.6	74·1	.831	.82	81.7	82.5	NW	0.2					
9 ,,	30 008	.195	80.5	75.5	5.0	73·5	.813	.80	81.2	82.4	,,	0.0					
10 ,,	.006	.240	79.5	74·0	5.5	71.6	.766	.78	80.5	82.2	,,	0.0					
11 ,,	29·985	.209	78.6	74.0	4.6	72.0	.776	.81	80.0	82.2	,,	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: Ci cirri; Cci cirro-cumuli; Cu cumuli; Csi cirro-strati; Cb cumulo-strati; and Ni nimbi.	Remarks.
7	B	Overcast with Ci moving W.	
8	D	" "	
8	D	" "	
8	D	" "	
6	D	Densely clouded; Csi, Ci and L Ni.	
7	C	" "	
7	C	" "	
7	C	" "	
8	C	Overcast; Csi, Ci and Ni; small drops of rain at 8h. 48m.	
8	B	Overcast; Csi, Ci and Ni; breaks in W; light rain at 9h. 25m.	
8	B	Overcast; Csi, Ci and Ni; a few stars visible in W.	
8	B	Overcast; Csi, Ci and Ni; motion WNW.	
8	B	Overcast; a few stars visible here and there.	
7	D	Ni scattered throughout moving WNW.	Mean daily temperature of ground 20 and 60 inches below its surface 84°0 and 84°2.
5	D	" "	
6	D	" "	
5	D	Ci and L Ni scattered throughout.	22nd November was the 46th day on which lightning was observed after sunset.
7	C	" "	
7	C	Ci and L Ni scattered throughout; fog in E.	
7	C	" "	
7	C	Ci and Ci scattered throughout; a few Ni in E and SE; mist.	
7	B	" " "	
8	B	Overcast; Ci and Ni moving N.	
8	B	Overcast; Ci and Ni moving N; small drops of rain falling.	
8	B	" " "	
8	D	" " "	
5	D	Cu in the E and SE; Csi in S; Ci scattered throughout.	
4	D	" " "	
5	D	" " "	
7	C	Ci, Ci, Cu, and Csi scattered throughout.	
8	C	Overcast; Ci, L Ni, Cu and Csi.	
8	C	Overcast; Ci, L Ni, Cu and Csi; lightning in SE and NE.	
7	C	" " "	
5	B	" " "	
5	B	Overcast; Ci, L Ni, Cu and Csi; lightning in NE.	
7	B	Overcast; Ci, L Ni, Cu and Csi; lightning in N.	
4	B	Ci and Ni scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 84°0 and 84°3.
5	D	" "	
4	D	" "	
5	D	" "	
4	D	" "	
3	C	" "	
3	C	Ci and Ni scattered around hor.; Csi in W and N; mist in hor.	
3	C	" " "	
3	C	" " "	
1	B	Ci scattered around hor.; mist.	
2	B	" "	
2	B	" "	
2	B	" "	
2	D	Ci scattered along the hor. from N to E; mist.	
3	D	Cu, Ci and Ci around the hor; mist.	
4	D	" "	
5	D	Cu in the NE and E; Csi in the SE; Ci and Ci scattered about the sky.	
7	C	Ci scattered throughout; Cu from the N to SE hor.; Csi in the S and W.	
5	C	" " "	
3	C	" " "	
5	C	Ci, Cu and Ci scattered about.	
3	B	Ci scattered about the sky.	
2	B	" "	
2	B	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volts 1.	Electrical Instruments. Readings of Straws of Volts 2.	Electrical Instruments. Interval of Time in seconds for the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 24th-Midnight	29.962	29.185	78°5	74°0	4°5	72°0	0.777	0.82	80°0	82°2	NW	0.1					
1 a. m.	.949	.203	78.0	73.0	5.0	70.8	.746	.79	79.2	82.1	„	0.0					
2 „	.933	.215	77.2	72.0	5.2	69·6	.718	.78	78.4	82.1	„	0.0					
3 „	.924	.171	77.4	73.0	4.4	71.1	.753	.82	78.5	82.0	NW b W	0.0					
4 „	.925	.200	76.5	72.0	4.5	69.9	.725	.81	77.6	82.0	„	0.0					
5 „	.935	.182	77.4	73.0	4.4	71.1	.753	.81	78.0	82.0	NNW	0.1					
6 „	.953	.166	77.6	74.0	3.6	72.5	.787	.85	78.2	82.0	NNE	0.2					
7 „	.975	.158	78.4	75.0	3.4	73.6	.817	.86	79.0	82.0	„	0.1					
8 „	.995	.196	80.0	75.0	5.0	73.0	.799	.80	80.0	81.9	„	0.1					
9 „	.999	.207	82.4	75.5	6.9	72.7	.792	.73	81.2	81.9	N	0.2	None.	None.	None.	None.	None.
10 „	.988	.234	84.1	75.0	9.1	71.1	.754	.66	82.0	82.0	NNE	0.1					
11 „	.962	.230	86.8	75.2	11.6	70.2	.732	.59	84·0	82.2	„	0.1					
Noon.	.928	.236	88.0	74.5	13.5	68.5	.692	.54	85.1	82.3	„	0.1					
1 p. m.	.893	.124	89.8	77.0	12.8	71.7	.769	.57	85.4	82.4	WNW	0.1					
2 „	.876	.054	88.6	78.0	10.6	73.8	.822	.63	85.5	82.5	„	0.1					
3 „	.872	.036	87.4	78.0	9.4	74.3	.836	.66	85.0	82.6	„	0.3					
4 „	.877	.077	87.0	77.0	10.0	73.0	.800	.64	84.8	81.6	NW b W	0.1					
5 „	.892	.055	83.6	77.0	6.6	74·4	.837	.75	83.8	82.7	NW b N	0.3					
6 „	.906	.088	82.2	76.1	6.1	73.6	.818	.76	83.0	82.8	„	0.4					
7 „	.928	.132	81.7	75.4	6.3	72.8	.796	.75	82.3	82.8	NW	0.4					
8 „	.938	.155	81.5	75.0	6.5	72.2	.782	.75	82.0	82.7	„	0.4					
9 „	.941	.153	81.0	75.0	6.0	72.5	.788	.76	81.6	82.6	NNW	0.2					
10 „	.940	.205	79.0	73.0	6.0	70.3	.735	.76	80.0	82.5	„	0.0					
11 „	.935	.253	77.8	71.2	6.6	68.0	.682	.73	79.3	82.4	„	0.0					
Nov. 25th-Midnight	.925	.182	78.3	73.0	5.3	70.7	.743	.78	79.4	82.4	ENE	0.0					
1 a. m.	.918	.200	77.2	72.0	5.2	69.6	.718	.78	78.7	82.3	„	0.0					
2 „	.906	.257	77.0	70·0	7.0	66·5	.649	.71	78.4	82.3	„	0.0					
3 „	.899	.262	75.0	69.0	6.0	65.9	.637	.75	77.2	82.2	„	0.0					
4 „	.907	.236	75.0	70.0	5.0	67.5	.671	.79	76.4	82.1	„	0.0					
5 „	.913	.200	76.0	71.5	4.5	69.4	.713	.81	77.5	82.0	„	0.1					
6 „	.931	.231	76.2	71.2	5.0	68.8	.700	.79	77.5	81.9	„	0.1					
7 „	.959	.254	75.7	71.2	4.5	69.0	.705	.81	77.2	81.7	„	0.1					
8 „	.984	.286	79.0	72.0	7.0	68.7	.698	.72	78.8	81.7	„	0.1					
9 „	.992	.286	81.6	73.0	8.6	69.1	.706	.67	80.0	81.6	NE	0.1					
10 „	.988	.256	82.6	74.0	8.6	70.2	.732	.68	81.0	81.6	„	0.1	None.	None.	None.	None.	None.
11 „	.967	.323	84.6	72.2	12.4	66.3	.644	.56	82.3	81.7	„	0.1					
Noon.	.936	.290	87.0	73.0	14.0	66.4	.646	.52	83.9	81.9	N	0.2					
1 p. m.	.904	.186	87.4	75.0	12.4	69.6	.718	.57	84.0	82.0	WNW	0.1					
2 „	.885	.167	87.4	75.0	12.4	69.6	.718	.57	84.2	82.1	„	0.1					
3 „	.879	.163	87.5	75.0	12.5	69.5	.716	.56	84.3	82.2	„	0.2					
4 „	.884	.238	87.0	73.0	14.0	66.4	.646	.52	84.0	82.3	„	0.1					
5 „	.900	.212	83.3	73.0	10.3	68.3	.688	.62	83.3	82.4	NW	0.2					
6 „	.922	.211	81.2	73.0	8.2	69.3	.711	.68	82.2	82.4	„	0.4					
7 „	.938	.216	80.2	73.0	7.2	69.8	.722	.72	81.2	82.4	NW b N	0.2					
8 „	.951	.246	80.0	72.5	7.5	69.0	.705	.70	80.8	82.3	NW	0.2					
9 „	.960	.322	78.0	70.0	8.0	66.0	.638	.68	79.4	82.1	„	0.1					
10 „	.961	.312	77.0	70.0	7.0	66.5	.649	.71	78.5	82.0	NW b N	0.1					
11 „	.943	.289	75.0	69.5	5.5	66.7	.654	.77	77.3	81.7	NNW	0.0					
Nov. 26th-Midnight	.931	.249	74.0	70.0	4.0	68.0	.682	.83	76.7	81.5	NNW	0.0					
1 a. m.	.914	.236	74.4	70.0	4.4	67.8	.678	.81	76.0	81.6	„	0.0					
2 „	.898	.225	74.8	70.0	4.8	67.6	.673	.79	76.0	81.5	„	0.0					
3 „	.895	.229	73.6	69.4	4.2	67.3	.666	.82	75.6	81.4	„	0·0					
4 „	.899	.262	72.0	68.0	4.0	65.9	.637	.82	75.0	81.3	„	0.0					
5 „	.906	.292	72.6	67.5	5.1	64.8	.614	.77	75.0	81.0	„	0.0					
6 „	.932	.303	72.7	68.0	4.7	65.5	.629	.80	75.0	81.0	„	0.1	None.	None.	None.	None.	None.
7 „	.957	.309	74.0	69.0	5.0	66.5	.648	.78	75.0	80.8	„	0.0					
8 „	.973	.443	75.8	66.0	9.8	60.4	.530	.61	76.3	80.6	„	0.0					
9 „	.986	.393	79.0	69.0	10.0	63.8	.593	.61	78.0	80.8	N	0.1					
10 „	.984	.400	79.8	69.0	10.8	63.3	.584	.59	79.1	80.9	NE b E	0.1					
11 „	.964	.364	82.3	70.3	12.0	64.1	.600	.56	80.0	81.0	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are ; cirri ; cirro-cumuli; cumuli; cirro-strati; cumulo-strati; and nimbi.	
1	B	scattered along the hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 84°0.
1	D	" "	
0	D	" "	
1	D	" "	
5	D	and scattered about the sky.	24th November was the 47th day on which lightning was observed.
4	C	" "	
4	C	in the SE and S; around the rest of the hor.; scattered about.	
3	C	and around the hor.; here and there in the sky; fog in E and SE.	
2	C	" " " "	
0	B	in the E; mist in hor.	
0	B	" "	
0	B	" "	
1	B	along the E. hor.; mist.	
1	D	" "	
1	D	" "	
1	D	" "	
1	D	and in the N, NE, E and SE.	
2	C	" "	
2	C	from N to SE, and from SE to S; lightning in E.	
2	C	" " "	
1	C	and along the eastern hor.; lightning at long intervals.	
0	B	Cloudless; no lightning.	
0	B	"	
0	B	"	
0	B	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 84°0.
0	D	"	
0	D	"	
0	D	in the SE.	
0	D	A few in the E and SE.	
0	C	" "	
1	C	along the E hor.; thick mist all round.	
1	C	" " "	
0	C	in the E; mist.	
0	B	Mist in the hor.	
0	B	" "	
0	B	" "	
0	B	in the E.	
0	D	"	
1	D	in the NE and E; in the W.	
1	D	" "	
0	D	in the NE, E and SE.	
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
0	C	" "	
0	B	Cloudless.	
0	B	"	
0	B	"	
0	B	Clear; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 84°0.
0	D	" "	
0	D	" "	
0	C	Clear; dew falling.	
0	C	" "	
0	B	in the E; dew.	
1	B	in the E and in the W.	
2	D	scattered about the sky; fog in the E; mist in W.	
3	D	scattered all round; fog in E and mist in W.	
2	C	scattered all round; mist.	
2	C	" "	
0	B	Cloudless; hazy.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Readings of Straws of Volta 1.	Readings of Straws of Volta 2.	Interval of Time in the seconds between emission and discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 26th-Noon.	29.931	29.360	84°0	70°0	14°0	62°6	0.571	0.50	81°0	81°0	N	0.2					
1 p. m.	.894	.269	85.6	72.0	13.6	65.4	.625	.53	82.0	81.0	NW b W	0.1					
2 „	.873	.248	85.6	72.0	13.6	65.4	.625	.53	82.8	81.2	WNW	0.1					
3 „	.871	.232	85.7	72.4	13.3	66.0	.639	.54	83.0	81.3	NW	0.5					
4 „	.870	.267	84.3	71.0	13.3	64.3	.603	.53	82.6	81.4	„	0.7					
5 „	.881	.277	81.0	70.0	11.0	64.3	.604	.57	81.0	81.5	„	0.6	None.	None.	None.	None.	None.
6 „	.888	.281	79.6	69.6	10.0	64.5	.607	.62	80.3	81.5	„	0.8					
7 „	.900	.342	79.2	68.0	11.2	61.9	.558	.57	79.4	81.4	„	0.7					
8 „	.925	.332	79.0	69.0	10.0	63.8	.593	.61	79.2	81.3	„	0.5					
9 „	.943	.372	78.0	68.0	10.0	62.6	.571	.61	79.0	81.3	NNW	0.4					
10 „	.944	.448	76.0	65.0	11.0	58.4	.496	.56	78.0	81.2	„	0.2					
11 „	.929	.406	75.0	65.5	9.5	60.0	.523	.62	77.0	81.1	„	0.1					
Nov. 27th-Midnight	.922	.342	74.2	67.0	7.2	63.1	.580	.70	76.0	80.9	NNW	0.0					
1 a. m.	.907	.378	73.0	65.0	8.0	60.3	.529	.66	74.5	80.8	„	0.0					
2 „	.895	.386	72.0	64.0	8.0	59.2	.509	.66	73.2	80.7	„	0.0					
3 „	.895	.348	71.4	65.0	6.4	61.3	.547	.72	72.5	80.6	„	0.0					
4 „	.900	.433	70.4	62.0	8.4	56.6	.467	.63	72.0	80.5	„	0.0					
5 „	.912	.392	71.0	64.0	7.0	59.8	.529	.69	72.7	80.4	„	0.0					
6 „	.928	.331	71.2	66.5	4.7	64.0	.597	.79	72.8	80.3	„	0.1					
7 „	.946	.329	74.4	68.2	6.2	65.0	.617	.74	74.4	80.2	„	0.1					
8 „	.965	.372	76.0	68.0	8.0	63.8	.593	.67	76.2	80.2	N b W	0.2					
9 „	.980	.401	77.3	68.0	9.3	63.0	.579	.63	77.0	80.1	NE	0.2					
10 „	.973	.436	79.6	67.5	12.1	60.8	.537	.55	78.2	80.1	NE b E	0.1					
11 „	.954	.390	81.6	69.0	12.6	62.2	.564	.54	79.3	80.2	„	0.1	None.	None.	None.	None.	None.
Noon.	.924	.390	84.3	69.0	15.3	60.6	.534	.48	81.0	80.3	„	0.1					
1 p. m.	.889	.376	86.2	69.0	17.2	59.4	.513	.42	82.3	80.5	N b W	0.1					
2 „	.867	.298	87.4	71.0	16.4	62.5	.569	.45	83.0	80.6	W b N	0.1					
3 „	.865	.260	87.4	72.0	15.4	64.4	.605	.48	83.2	80.8	W	0.1					
4 „	.867	.250	86.4	72.0	14.4	65.0	.617	.50	83.0	80.9	W b N	0.1					
5 „	.875	.250	82.3	71.0	11.3	65.4	.625	.58	81.5	81.0	„	0.3					
6 „	.897	.239	81.0	71.5	9.5	66.9	.658	.63	80.7	81.0	WNW	0.3					
7 „	.918	.231	80.0	72.0	8.0	68.2	.687	.67	80.0	81.0	NW b W	0.3					
8 „	.942	.250	79.5	72.0	7.5	68.5	.692	.70	79.8	80.9	NW	0.3					
9 „	.947	.256	78.0	71.5	6.5	68.4	.691	.74	79.2	80.8	NNW	0.2					
10 „	.951	.298	76.6	70.0	6.6	66.7	.653	.73	78.0	80.7	„	0.1					
11 „	.943	.259	77.0	71.0	6.0	68.1	.684	.75	78.2	80.7	NE	0.2					
Nov. 29th-Midnight	.930	.340	76.3	68.0	8.3	63.6	.590	.66	77.8	80.6	NNW	0.0					
1 a. m.	.917	.357	76.0	67.0	9.0	62.0	.560	.64	76.2	80.6	„	0.0					
2 „	.911	.296	77.0	69.0	8.0	64.9	.615	.68	77.4	80.6	„	0.0	0.06				
3 „	.906	.317	76.4	68.0	8.4	63.5	.589	.66	77.0	80.5	SSE	0.5	0.01				
4 „	.903	.467	75.5	72.0	3.5	70.4	.736	.85	76.8	80.5	„	0.1	0.08				
5 „	.921	.156	76.3	73.0	3.3	71.6	.765	.86	77.6	80.5	„	0.0	0.02				
6 „	.938	.170	76.0	73.0	3.0	71.7	.768	.87	77.5	80.5	SE b S	0.1					
7 „	.961	.193	76.0	73.0	3.0	71.7	.768	.87	77.4	80.4	„	0.1	0.03				
8 „	.985	.207	76.4	73.4	3.0	72.1	.778	.87	77.7	80.4	ESE	0.1	0.03				
9 „	.999	.185	78.6	75.0	3.6	73.5	.814	.85	78.6	80.4	E	0.1					
10 „	30.000	.212	79.6	74.6	5.0	72.5	.788	.80	79.6	80.5	E b N	0.1					
11 „	29.993	.220	80.7	74.5	6.2	71.9	.773	.76	80.3	80.5	„	0.1					
Noon.	.970	.186	81.4	75.0	6.4	72.3	.784	.75	80.6	80.6	„	0.1					
1 p. m.	.931	.154	82.0	75.0	7.0	72.0	.777	.73	81.0	80.9	NNE	0.0					
2 „	.895	.140	80.5	74.0	6.5	71.2	.755	.74	80.8	81.0	„	0.0	None.	None.	None.	None.	None.
3 „	.889	.150	82.0	74.0	8.0	70.5	.739	.69	81.2	81.1	N b E	0.0					
4 „	.880	.149	81.8	74.0	7.8	70.6	.741	.70	81.0	81.1	NNE	0.1					
5 „	.888	.189	79.6	72.2	7.4	68.8	.699	.71	80.2	81.2	„	0.1					
6 „	.895	.192	78.5	72.0	6.5	69.0	.703	.74	79.7	81.3	N b E	0.2					
7 „	.900	.191	78.0	72.0	6.0	69.3	.709	.76	79.1	81.2	„	0.1					
8 „	.916	.207	78.0	72.0	6.0	69.3	.709	.76	78.7	81.1	N	0.2					
9 „	.932	.216	77.4	72.0	5.4	69.5	.716	.78	78.2	81.0	„	0.3					
10 „	.934	.212	77.5	72.2	5.3	69.8	.722	.78	78.2	80.8	„	0.8					
11 „	.922	.186	77.2	72.5	4.7	70.4	.736	.80	78.0	80.7	N b E	0.5					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀∩ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩⌣ cumulo-strati; and ⌣ nimbi.	
0	B	A few ≀ in the E; haze.	
1	D	≀ about the hor.; haze.	
3	D	" "	
4	C	≀ about the hor.; haze; breezes of wind.	
4	C	" " "	
1	B	≀ in the N and NE; haze.	
1	B	≀ from NE to SW hor. (by S).	
0	D	A few clouds in hor.	
0	D	" "	
0	C	Cloudless.	
0	C	"	
0	B	"	
0	B	Cloudless.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 84°0. At 4 A. M. temperature of free air was 70°4, lowest in the month and about 3°7 lower than the normal mean.
0	D	"	
0	D	"	
0	D	"	
0	D	"	
0	C	"	
0	C	A few ≀ in the E; fog in E and SE; mist in S, W and N.	
0	C	" " "	
0	C	" " "	
0	B	Thick mist in hor.	
0	B	" "	
0	B	" "	
0	B	A few ≀ in the S and W.	
0	D	≀ in the E, SW and W.	
2	D	≀ around the hor.	
2	D	" "	
3	D	≀ scattered about the sky.	
2	B	" "	
0	B	≀ in the N and E of zenith.	
0	B	Cloudless.	
0	B	"	
0	B	"	
0	B	"	
0	B	"	
2	B	≀∩ all round the hor.; ≀ in the SE of zenith; lightning in ESE. [It began to rain.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 84°0. Daily fall of rain by Osler's Gauge 0°27. 29th November was the 48th day on which lightning was observed.
5	D	Since the last observation dense clouds began to appear, and increased in amount rapidly; at 1h. 40m. it was overcast; at 1h. 55m.	
8	D	Overcast; rain which was falling since last observation ceased at 2h. 21m.	
8	D	Overcast; it began to rain at 3h. 10m.	
8	D	Overcast; raining lightly till 4h. 18m.	
8	C	Overcast; ≀∩ moving W.	
8	C	Overcast; ⌣, ≀∩ and ≀∩; ≀∩ moving NW; light rain from 6h. 29m. to 6h. 58m.	
8	C	Overcast; ⌣, ≀∩ and ≀∩; ≀∩ moving NW; raining from 7h. 24m. to 7h. 40m.	
8	C	Overcast; no rain.	
8	B	Overcast; ⌣, ≀∩ and ≀∩.	
8	B	" "	
8	B	" "	
8	B	" "	
8	D	" "	
8	D	Overcast; ⌣, ≀∩ and ≀∩; breaking in SE and S.	
6	D	≀∩ and ⌣ scattered throughout.	
8	D	Overcast; ≀∩ and ⌣.	
8	C	Overcast; ≀∩, ⌣ and ≀∩.	
8	C	" "	
6	C	≀∩ and ≀∩ scattered throughout; lightning in NE.	
8	C	Overcast; ≀∩ and ≀∩; lightning in NE.	
6	B	≀∩ and ≀∩ scattered throughout; lightning in NE.	
3	B	≀∩ scattered all round the hor.; lightning in NE.	
8	B	Overcast; ≀∩ moving N; lightning in N.	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Nov. 30th-Midnight	29.912	29.166	78°0	73°0	5°0	70°8	0.746	0.79	78°4	80°7	NNE	0.3					
1 a. m.	.902	.188	77.5	72.0	5.5	69.4	.714	.77	78.2	80.6	,,	0.4					
2 ,,	.898	.214	77.0	71.0	6.0	68.1	.684	.75	78.0	80.6	,,	0.1					
3 ,,	.889	.203	76·8	71.0	5.8	68.2	.686	.76	77.8	80.5	,,	0.1					
4 ,,	.897	.211	76.8	71.0	5.8	68.2	.686	.76	77.3	80.5	,,	0.2					
5 ,,	.903	.183	77.0	72.0	5.0	69.7	.720	.79	77.3	80.5	NE	0.4					
6 ,,	.931	.213	77.2	72·0	5.2	69.6	.718	.78	77.3	80.5	ENE	0.5					
7 ,,	.963	.270	76.2	71.0	5.2	68.5	.693	.78	77·3	80.4	NE	0.4					
8 ,,	.988	.345	75.4	69.3	6.1	66.2	·643	.74	77.0	80.3	NNE	0.6					
9 ,,	30.018	.343	77.8	71.0	6.8	67.7	.675	.73	77.9	80.3	NE	0.5					
10 ,,	.017	.328	79.8	72.0	7.8	68·3	.689	.69	79.0	80.4	E b N	0.5					
11 ,,	.001	.325	81.0	72.0	9.0	67.8	.676	.66	80.0	80.5	E	0.4	None.	None.	None.	None.	None.
Noon.	29.973	.267	81.6	73.0	8.6	69.1	.706	.67	80.9	80.6	ESE	0.8					
1 p. m.	.934	.236	82·4	73.0	9.4	68.7	.698	.65	81.2	80.6	,,	0.1					
2 ,,	.911	.209	82.0	73.0	9.0	68.9	.702	.66	81.1	80.7	E	0.1					
3 ,,	.895	.223	81.4	72.0	9.4	67.6	·672	.64	81.0	80.8	,,	0.2					
4 ,,	.917	.277	81.0	71.0	10.0	66.1	.640	.62	80.8	80.7	,,	0.1					
5 ,,	.943	.257	80.1	72.0	8.1	68.2	.686	.68	80.3	80.9	,,	0.2					
6 ,,	.944	.248	79.2	72.0	7.2	68.6	.696	.71	80.0	81.0	,,	0.3					
7 ,,	.957	.252	78.4	72.0	6.4	69.0	.705	.74	79.5	81.0	E b S	0.2					
8 ,,	.971	.289	77.2	71.0	6.2	68.0	.682	.74	78.5	81.0	E	0.3					
9 ,,	.980	.322	76.2	70.0	6.2	66.9	.658	.74	77·2	80°9	,,	0.2					
10 ,,	.988	.326	76.5	70.2	6.3	67.1	.662	.74	77.2	80.8	ENE	0.5					
11 ,,	.986	.346	76.3	69·5	6.8	66.1	.640	.72	77.1	80.6	NE b E	0.7					
Dec. 1st-Midnight	.973	.313	76.0	70.0	6.0	67.0	·660	.75	77.1	80.6	NE b E	0.7					
1 a. m.	.964	.297	75.4	70.0	5.4	67.3	·667	.77	76.2	80.5	,,	0.2					
2 ,,	.951	.316	75.2	69.0	6.2	65.8	·635	.74	76.0	80.4	,,	0·1					
3 ,,	.941	.337	75.0	68.0	7.0	64.3	·604	.71	75.3	80.3	,,	0.1					
4 ,,	.938	.301	75.0	69.0	6.0	65·9	·637	.75	75.4	80.2	,,	0.3					
5 ,,	.947	.300	74.1	69.0	5.1	66.4	·647	.78	75.4	80.2	,,	0.3					
6 ,,	.962	.307	73.4	69.0	4.4	66.8	·655	.81	75.2	80.2	ENE	0.2					
7 ,,	.991	.356	72.2	68·0	4.2	65.8	.635	.81	74.6	80.1	,,	0.2					
8 ,,	30.016	.377	74.8	69.0	5.8	66.0	·639	.75	75.5	80.0	,,	0.1					
9 ,,	.031	.388	78.2	70.2	8·0	66.2	.643	.68	77.5	79·8	,,	0.1					
10 ,,	.026	.341	80·2	72.0	8.2	68.1	.685	.68	79.0	79.9	,,	0.3	None.	None.	None.	None.	None.
11 ,,	.002	.371	81.8	71.0	10.8	65.6	.631	·60	80.2	80.1	,,	0.1					
Noon.	29.981	.327	83.0	72.0	11.0	66.7	.654	.59	81.0	80.3	,,	0.1					
1 p. m.	.944	.276	85.0	73.0	12.0	67.4	·668	.54	83.4	80.4	NW b N	0.0					
2 ,,	.920	.248	84.6	73.0	11.6	67.6	.672	·58	81.8	80.5	NW	0.1					
3 ,,	.910	.188	83.5	74.0	9.5	69.8	·722	.65	82.0	80.6	NW b N	0.1					
4 ,,	.922	.200	83·5	74.0	9.5	69.8	·722	.65	82.0	80.6	NNW	0.1					
5 ,,	.929	.209	80.4	73.0	7.4	69.7	·720	.71	80.8	80.6	,,	0.1					
6 ,,	.937	.204	79.2	73.0	6.2	70.2	·733	.75	79.7	80.7	,,	0.1					
7 ,,	.956	.217	78.6	73.0	5.6	70.5	·739	.77	79.0	80.8	,,	0.1					
8 ,,	.971	.225	78.0	73.0	5.0	70.8	.746	.79	78.8	80.8	N b W	0.0					
9 ,,	.980	.256	76.6	72.0	4.6	69.9	.724	.81	78.3	80.7	,,	0.1					
10 ,,	.979	.266	76.0	71.5	4.5	69.4	.713	.81	77.7	80.6	N	0.1					
11 ,,	.968	.262	75·0	71.0	4.0	69.1	.706	.83	77.1	80.5	,,	0.1					
Dec. 2nd-Midnight	.958	.242	74.1	71.0	3.1	69.5	.716	.86	76.6	80.4	N	0.1					
1 a. m.	.947	.260	74.2	70.2	4.0	68·2	.687	.83	76.3	80.3	,,	0.0					
2 ,,	.939	.260	74.3	70·0	4.3	67.9	.679	.81	76.3	80.1	,,	0.0					
3 ,,	.923	.245	75.3	70.3	5.0	67.8	.678	.79	76.6	80.0	NE b N	0.2					
4 ,,	.919	.220	75.6	71.0	4·6	68.8	.699	.81	76.8	80.0	,,	0.3	None.	None.	None.	None.	None.
5 ,,	.922	.251	75.0	70.0	5.0	67.5	.671	.79	76.0	79·9	NE	0.1					
6 ,,	.935	.257	74.4	70.0	4.4	67.8	.678	.81	75.2	79.7	,,	0·1					
7 ,,	.967	.312	74.3	69.0	5.3	66.3	.645	.77	75·	79.8	,,	0.1					
8 ,,	.982	.328	76.5	70.0	6.5	66.7	.654	.73	77.0	79.6	,,	0.0					
9 ,,	.991	.324	78.5	71.0	7.5	67·3	.667	.70	78.0	79.8	,,	0.1					
10 ,,	.990	.322	80.1	71.5	8.6	67.4	.668	.67	79.0	79.9	,,	0.1					
11 ,,	.957	.287	82.2	72.2	10.0	67.5	.670	.62	80.5	80.1	,,	0.1					

Amount of Clouds. 0—8	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀≀ cirro-cumuli; ∩ cumuli; ∪ cirro-strati; ∩∪ cumulo-strati; and ∪≀ nimbi.	
8	B	Overcast; ∪≀ moving N.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 84°0.
3	D	≀≀ and ∪≀ scattered around hor.	
3	D	" "	
7	D	" "	
8	D	Overcast; ≀≀ and ∪≀.	30th November was the 21st day on which the fall of rain was less than 0·01 in.
8	C	" "	
8	C	" "	
8	C	Overcast; ≀≀, ∪ and ∪≀; drops of rain at 7h. 57m.	
8	C	Overcast; ≀≀, ∪ and ∪≀; drops of rain at 8h. 17m.	
8	B	Overcast; ≀≀, ∪ and ∪≀; horizon unusually clear.	
8	B	" " "	
8	B	Overcast; ≀≀, ∪ and ∪≀; breaks in zenith. "	
8	B	" "	
7	D	≀ and ≀≀ scattered throughout; ∪ in the E and W.	
8	D	Overcast; ≀≀ and ∪; gloomy.	
8	D	" "	
8	D	" "	
8	C	Overcast; ∪ and ∪≀.	
8	C	" "	
5	C	≀≀ and ∪≀ scattered around hor.	
7	C	≀≀ and ∪≀ scattered throughout; the latter moving NW.	
2	B	≀≀ and ≀ scattered around hor.	
2	B	" "	
1	B	" "	
1	B	∪≀ scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°9 and 84°0.
2	D	" "	
3	D	" "	
5	D	≀≀ and ≀ scattered throughout.	
6	D	" "	
4	C	" "	
3	C	" "	
3	C	≀≀ and ≀ scattered throughout; fog in E.	
3	C	" "	
1	B	≀≀ and ≀ scattered all round the hor.; mist in hor.	
1	B	" " "	
2	B	≀ from E to SW (by S); mist.	
5	B	≀≀ from NE to SE; ≀ about the sky; mist.	
5	D	" "	
5	D	" "	
4	D	" "	
3	D	" "	
3	D	∩≀ in the NE, E and SE; ≀ in E and S of zenith.	
2	D	∩≀ and ≀ in the NE, E, SE and S.	
1	D	" "	
0	D	A few clouds in hor.	
0	C	" "	
0	C	" "	
0	C	" "	
0	C	A few clouds in hor.; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 84°0.
0	B	" "	
0	B	Clear; slight dew.	
0	B	" "	
0	B	" "	
0	D	" "	
0	D	" "	
0	D	A few clouds in the E; fog in the E and mist in W.	
0	D	" " "	
0	C	≀≀ in the E; mist in hor.	
0	C	" "	
0	C	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch from surface in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in reaching the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 2nd-Noon.	29.931	29.283	84°2	72°2	12°0	66°5	0.648	0.57	82°0	80°3	NE	0.1					
1 p. m.	.894	.199	86.0	74.0	12.0	68.6	.695	.57	82.8	80.4	NW	0.2					
2 ,,	.876	.163	85.0	74.2	10.8	69.4	.713	.61	82.5	80.5	WNW	0.4					
3 ,,	.864	.148	84.7	74.2	10.5	69.5	.716	.61	82.5	80.6	,,	0.6					
4 ,,	.864	.107	83.8	75.0	8.8	71.2	.757	.67	82.2	80.8	,,	0.5	None.	None.	None.	None.	None.
5 ,,	.867	.154	81.0	73.0	8.0	69.4	.713	.69	80.2	80.8	NW b W	0.4					
6 ,,	.885	.152	79.2	73.0	6.2	70.2	.733	.75	79.5	80.9	,,	0.1					
7 ,,	.911	.209	78.6	72.0	6.6	68.9	.702	.74	79.0	81.0	,,	0.1					
8 ,,	.929	.220	78.0	72.0	6.0	69.2	.709	.76	78.7	81.0	NW	0.0					
9 ,,	.946	.200	78.0	73.0	5.0	70.8	.746	.79	78.7	81.0	NW b W	0.1					
10 ,,	.946	.189	77.0	73.0	4.0	71.2	.757	.83	78.3	80.9	NW	0.1					
11 ,,	.946	.217	76.2	72.0	4.2	70.1	.729	.82	78.0	80.8	NNW	0.1					
Dec. 3rd-Midnight	.935	.195	75.2	72.0	3.2	70.5	.740	.86	77.3	80.7	NNW	0.1					
1 a. m.	.923	.234	74.0	70.2	3.8	68.3	.689	.84	76.2	80.4	,,	0.0					
2 ,,	.909	.203	75.0	71.0	4.0	69.1	.706	.83	76.5	80.3	NNE	0.1					
3 ,,	.901	.225	74.5	70.0	4.5	67.8	.676	.81	76.2	80.3	NE b E	0.1					
4 ,,	.901	.225	74.5	70.0	4.5	67.8	.676	.81	76.2	80.2	,,	0.0					
5 ,,	.908	.226	74.0	70.0	4.0	68.0	.682	.83	75.3	80.1	,,	0.0					
6 ,,	.923	.243	74.2	70.0	4.2	67.9	.680	.82	75.3	80.0	,,	0.0					
7 ,,	.946	.240	75.0	71.0	4.0	69.1	.706	.83	76.1	79.9	,,	0.0					
8 ,,	.967	.276	76.4	71.0	5.4	68.4	.691	.77	77.3	79.8	ENE	0.1					
9 ,,	.993	.274	78.4	72.4	6.0	69.7	.719	.76	78.2	80.0	,,	0.1					
10 ,,	.989	.267	80.2	73.0	7.2	69.8	.722	.72	79.1	80.1	,,	0.1					
11 ,,	.969	.300	81.6	72.0	9.6	67.4	.669	.64	80.6	80.3	,,	0.1	None.	None.	None.	None.	None.
Noon.	.934	.283	84.6	72.4	12.2	66.6	.651	.56	81.8	80.4	,,	0.1					
1 p. m.	.902	.216	86.5	74.0	12.5	68.2	.686	.56	82.8	80.5	NNW	0.1					
2 ,,	.878	.208	86.4	73.4	13.0	67.5	.670	.54	83.0	80.6	WNW	0.1					
3 ,,	.868	.180	86.6	74.0	12.6	68.3	.688	.56	83.2	80.8	W b N	0.2					
4 ,,	.868	.173	86.0	74.0	12.0	68.6	.695	.57	83.2	81.0	,,	0.2					
5 ,,	.886	.184	82.0	73.0	9.0	68.9	.702	.66	82.5	81.0	,,	0.1					
6 ,,	.905	.192	81.0	73.0	8.0	69.4	.713	.69	81.4	81.1	,,	0.1					
7 ,,	.926	.182	80.2	73.6	6.6	70.7	.744	.74	81.0	81.2	WNW	0.1					
8 ,,	.945	.175	79.2	74.0	5.2	71.8	.770	.79	80.2	81.1	NW b W	0.1					
9 ,,	.954	.175	78.4	74.0	4.4	72.1	.779	.82	80.0	81.0	NW	0.2					
10 ,,	.955	.198	77.0	73.0	4.0	71.2	.757	.83	79.3	80.9	NW b N	0.1					
11 ,,	.950	.212	75.4	72.0	3.4	70.5	.738	.87	77.8	80.8	,,	0.1					
Dec. 5th-Midnight	.938	.280	76.2	70.0	6.2	66.9	.658	.74	77.3	80.8	NNW	0.1					
1 a. m.	.928	.268	76.0	70.0	6.0	67.0	.660	.75	77.2	80.7	NNE	0.0					
2 ,,	.916	.276	75.4	69.2	6.2	66.1	.640	.74	76.8	80.6	,,	0.0					
3 ,,	.910	.229	75.7	70.5	5.2	68.0	.681	.78	76.8	80.6	,,	0.1					
4 ,,	.902	.186	75.4	71.4	4.0	69.5	.716	.83	76.5	80.5	,,	0.1					
5 ,,	.905	.199	75.0	71.0	4.0	69.1	.706	.83	76.2	80.4	,,	0.1					
6 ,,	.923	.275	74.0	69.0	5.0	66.5	.648	.78	75.3	80.4	,,	0.1					
7 ,,	.947	.276	75.0	70.0	5.0	67.5	.671	.79	76.2	80.3	,,	0.0					
8 ,,	.980	.402	77.4	68.0	9.4	63.9	.578	.63	77.2	80.2	,,	0.1					
9 ,,	.991	.400	79.2	69.0	10.2	63.6	.591	.61	78.8	80.2	,,	0.1					
10 ,,	.991	.411	80.2	69.0	11.2	63.1	.580	.58	79.3	80.3	,,	0.1					
11 ,,	.975	.417	82.7	69.2	13.5	61.9	.558	.51	80.8	80.4	,,	0.1					
Noon.	.938	.409	85.4	69.2	16.2	60.3	.529	.44	82.0	80.5	,,	0.1	None.	None.	None.	None.	None.
1 p. m.	.902	.284	86.3	72.0	14.3	64.9	.618	.50	83.2	80.6	NNW	0.1					
2 ,,	.876	.229	86.9	73.0	13.9	66.4	.647	.52	83.3	80.7	W b N	0.3					
3 ,,	.860	.210	86.0	72.8	13.2	66.6	.650	.54	83.2	80.9	,,	0.2					
4 ,,	.858	.168	84.8	73.5	11.3	68.4	.690	.59	82.5	81.0	,,	0.4					
5 ,,	.872	.263	81.6	72.0	9.6	67.4	.669	.64	81.2	81.0	,,	0.1					
6 ,,	.890	.209	80.5	72.0	8.5	68.0	.681	.67	80.0	81.1	NW b W	0.1					
7 ,,	.912	.188	80.0	73.0	7.0	69.9	.724	.72	80.2	81.2	,,	0.3					
8 ,,	.926	.193	79.2	73.0	6.2	70.2	.733	.75	79.6	81.1	NW	0.5					
9 ,,	.943	.197	78.0	73.0	5.0	70.8	.746	.79	79.1	81.1	,,	0.3					
10 ,,	.952	.232	77.0	72.0	5.0	69.7	.720	.79	78.3	81.0	NW b N	0.1					
11 ,,	.944	.275	75.2	70.0	5.2	67.4	.669	.78	77.4	80.9	NNW	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀ cirro-cumuli; ≀ cumuli; ≀ cirro-strati; ≀ cumulo-strati; and ≀ nimbi.	
1	C	≀ along the eastern hor.; light mist.	
1	B	" "	
1	B	" "	
1	B	" "	
1	B	≀ in the SE and ≀ from N to E hor.	
0	D	" "	
0	D	A few clouds in the E.	
0	D	" "	
0	D	" "	
0	C	" "	
0	C	" "	
0	C	" "	
0	C	Cloudless; slight dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 83°5 and 84°0.
0	B	" "	
0	B	" "	
0	B	" "	
0	B	" "	
0	D	" "	
0	D	" "	
0	D	A few ≀ in the E; fog in E and mist in W.	
0	D	" "	
0	C	≀ in the E, ≀ in the NW; mist in hor.	
0	C	" "	
0	C	" "	
1	C	≀ along the E hor.; ≀ in the W; mist in hor.	
1	B	≀ scattered from NE to SE.	
4	B	≀ scattered around hor.; ≀ in E of zenith.	
3	B	" " "	
2	B	" " "	
3	C	" " "	
3	C	≀ and ≀ scattered about.	
2	C	≀ scattered around hor.	
2	C	" "	
1	C	" "	
0	C	Cloudless.	
0	C	Cloudless; slight dew.	
0	C	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 83°4 and 84°0.
0	B	"	
0	B	"	
0	B	"	
0	B	Clear; slight dew.	
0	D	" "	
0	D	" "	
0	D	Fog in E; dense black mist along W hor.	
0	D	" " "	
0	C	≀ in E and W; mist in hor.	
0	C	" "	
0	C	" "	
0	C	" "	
0	B	≀ in the S hor.	
3	B	≀ scattered about.	
5	B	" "	
4	B	" "	
3	D	" "	
2	D	" "	
0	D	A few clouds in hor.	
1	D	≀ in E and SE hor.	
0	C	Cloudless.	
0	C	"	
0	C	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Readings of. Sign of Electricity + or −	Readings of. Strawser of Volta 1.	Readings of. Strawser of Volta 2.	Interval of Time in recovering same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 6th-Midnight	29.929	29.247	74°0	70°0	4°0	68°0	0.682	0.83	76°4	80°3	NNW	0.1					
1 a. m.	.919	.277	74.5	69.0	5.5	66.2	.642	.77	76.4	80.7	,,	0.1					
2 ,,	.907	.255	75.2	69.5	5.7	66.6	.652	.76	76.4	80.6	N	0.2					
3 ,,	.895	.264	75.5	69.0	6.5	65.6	.631	.73	76.5	80.5	N b E	0.3					
4 ,,	.895	.280	75.5	68.5	7.0	64.9	.615	.71	76.5	80.4	NNE	0.3					
5 ,,	.905	.301	75.0	68.0	7.0	64.3	.604	.71	75.4	80.3	,,	0.2					
6 ,,	.926	.362	75.6	67.0	8.6	62.2	.564	.65	76.5	80.2	NE b E	0.1					
7 ,,	.953	.457	76.0	65.0	11.0	58.4	.496	.56	76.7	80.0	,,	0.3					
8 ,,	.975	.467	77.8	66.0	11.8	59.1	.508	.55	77.5	79.8	ENE	0.1					
9 ,,	.994	.462	79.5	67.3	12.2	60.5	.532	.54	78.7	79.8	,,	0.2					
10 ,,	.991	.432	82.1	69.0	13.1	62.0	.559	.52	80.0	80.0	,,	0.1	None.	None.	None.	None.	None.
11 ,,	.976	.423	83.2	69.2	14.0	61.6	.553	.50	81.1	80.2	,,	0.1					
Noon.	.949	.430	86.3	69.2	17.1	59.7	.519	.42	82.8	80.4	,,	0.1					
1 p. m.	.916	.466	88.0	68.0	20.0	55.5	.450	.36	84.0	80.6	E b N	0.1					
2 ,,	.895	.316	89.6	72.0	17.6	63.1	.580	.43	85.0	80.9	WNW	0.3					
3 ,,	.881	.223	86.6	73.2	13.4	66.9	.658	.53	83.6	81.0	,,	0.5					
4 ,,	.878	.198	85.7	73.5	12.2	67.9	.680	.57	83.3	81.1	NW b W	0.3					
5 ,,	.879	.177	82.0	73.0	9.0	68.9	.702	.66	82.0	81.2	,,	0.1					
6 ,,	.891	.171	80.4	73.0	7.4	69.7	.720	.71	80.5	81.2	,,	0.1					
7 ,,	.911	.249	79.0	71.0	8.0	67.1	.662	.68	79.5	81.2	NW b N	0.1					
8 ,,	.923	.287	78.2	70.0	8.2	65.9	.636	.67	78.8	81.1	,,	0.1					
9 ,,	.937	.322	77.0	69.0	8.0	64.9	.615	.68	78.3	81.0	NNW	0.0					
10 ,,	.945	.406	75.0	66.0	9.0	60.9	.539	.63	77.1	80.8	,,	0.1					
11 ,,	.938	.367	75.0	67.0	8.0	62.6	.571	.67	77.0	80.7	,,	0.1					
Dec. 7th-Midnight	.934	.330	75.0	68.0	7.0	64.3	.604	.71	77.0	80.6	NNW	0.1					
1 a. m.	.930	.343	75.0	67.5	7.5	63.4	.587	.69	76.6	80.5	,,	0.1					
2 ,,	.923	.315	74.6	68.0	6.6	64.5	.608	.72	76.2	80.5	,,	0.1					
3 ,,	.915	.364	75.4	66.5	8.9	61.5	.551	.64	76.4	80.4	,,	0.3					
4 ,,	.915	.355	76.0	67.0	9.0	62.0	.560	.64	76.8	80.3	NE	0.5					
5 ,,	.928	.429	75.7	65.0	10.7	58.6	.499	.57	76.0	80.2	ENE	0.1					
6 ,,	.935	.432	75.4	65.0	10.4	58.8	.503	.58	75.6	80.1	,,	0.1					
7 ,,	.955	.461	76.2	65.0	11.2	58.3	.494	.56	76.5	80.0	,,	0.1					
8 ,,	.977	.464	77.4	66.0	11.4	59.4	.513	.55	77.2	79.9	E b N	0.1					
9 ,,	.996	.471	79.2	67.0	12.2	60.1	.525	.54	78.7	80.0	,,	0.1					
10 ,,	.996	.447	83.3	69.1	14.2	61.4	.549	.49	80.4	80.2	,,	0.1	None.	None.	None.	None.	None.
11 ,,	.981	.369	84.5	71.3	13.2	64.7	.612	.53	82.0	80.3	,,	0.1					
Noon.	.951	.349	85.4	71.3	14.1	64.2	.602	.51	83.0	80.5	,,	0.1					
1 p. m.	.907	.406	87.3	69.0	18.3	58.7	.501	.40	84.0	80.6	,,	0.1					
2 ,,	.889	.410	89.3	69.0	20.3	57.3	.479	.36	85.0	80.8	,,	0.1					
3 ,,	.873	.322	89.0	71.0	18.0	61.5	.551	.42	85.1	81.0	N	0.4					
4 ,,	.874	.179	86.0	74.0	12.0	68.6	.695	.57	84.0	81.1	NW b W	0.5					
5 ,,	.882	.149	82.5	74.0	8.5	70.2	.733	.68	82.0	81.2	,,	0.4					
6 ,,	.891	.178	81.0	73.0	8.0	69.4	.713	.69	81.3	81.3	NW	0.2					
7 ,,	.919	.197	80.2	73.0	7.2	69.8	.722	.72	80.5	81.2	NNW	0.1					
8 ,,	.927	.258	78.4	71.0	7.4	67.4	.669	.70	79.0	81.2	,,	0.1					
9 ,,	.942	.261	77.3	71.0	6.3	68.0	.681	.74	79.0	81.1	N b W	0.1					
10 ,,	.944	.295	75.5	69.5	6.0	66.5	.649	.75	78.0	81.1	,,	0.1					
11 ,,	.939	.290	75.5	69.5	6.0	66.5	.649	.75	78.0	81.0	,,	0.1					
Dec. 8th-Midnight	.938	.319	76.6	69.0	7.6	65.1	.619	.69	78.2	81.0	NNE	0.1					
1 a. m.	.929	.358	76.5	67.5	9.0	62.6	.571	.64	78.0	80.8	NE b N	0.5					
2 ,,	.900	.277	76.3	69.0	7.3	65.3	.623	.70	77.3	80.6	NE b E	0.5					
3 ,,	.897	.285	75.8	68.5	7.3	64.7	.612	.70	77.0	80.5	ENE	0.5					
4 ,,	.900	.332	75.3	67.0	8.3	62.5	.568	.66	76.5	80.4	,,	0.7					
5 ,,	.913	.378	75.4	66.0	9.4	60.6	.535	.62	76.2	80.3	,,	1.0	None.	None.	None.	None.	None.
6 ,,	.929	.405	76.4	66.0	10.4	60.0	.524	.58	76.7	80.2	,,	0.5					
7 ,,	.953	.436	77.0	66.0	11.0	59.6	.517	.57	77.3	80.1	,,	0.2					
8 ,,	.964	.430	78.4	67.0	11.4	60.6	.534	.56	78.0	80.0	E b N	0.1					
9 ,,	.987	.399	80.4	69.3	11.1	63.5	.588	.58	79.7	80.1	,,	0.1					
10 ,,	.984	.369	83.2	71.0	12.2	64.9	.615	.56	81.2	80.2	,,	0.1					
11 ,,	.960	.281	85.8	73.5	12.3	67.9	.679	.57	83.0	80.4	,,	0.2					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are : ≈ cirri; ≈≈ cirro-cumuli; ⌒ cumuli; ≈— cirro-strati; ⌒— cumulo-strati; and ≈⌒ nimbi.	
0	C	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 83°9.
0	B	" "	
0	B	"	
0	B	"	
0	B	"	
0	D	"	
1	D	≈ in the E, SE and S hor.	
1	D	≈ in the NE, N, NW and W; mist in W hor.; fog in E.	
2	D	≈ scattered along N hor.; mist and fog.	
1	C	≈ scattered along N hor.; mist in hor.	
0	C	≈ in the N and W; mist in hor.	
0	C	" "	
0	C	" "	
0	B	≈ in the SE; haze in E.	
1	B	" "	
1	B	≈ scattered around hor.; haze in E.	
1	B	" "	
2	D	" "	
5	D	≈ scattered throughout.	
4	D	" "	
5	D	" "	
6	C	" "	
6	C	" "	
5	C	" "	
4	C	≈ scattered about the sky.	Mean daily temperature of ground 20 and 60 inches below its surface 83°2 and 83°9.
1	B	" "	
1	B	" "	
2	B	" "	
2	B	" "	
3	D	" "	
6	D	≈ scattered throughout.	
6	D	≈ scattered throughout; fog in E and mist in W.	
7	D	" " "	
7	C	" " "	
7	C	" " "	
8	C	Lightly overcast with ≈ moving NW; mist.	
8	C	" " "	
7	B	≈ scattered throughout moving NW; haze in E.	
8	B	" " "	
8	B	" " "	
8	B	" " "	
8	B	" " "	
7	D	" "	
7	D	≈ scattered throughout; lunar halo.	
7	D	" "	
5	C	≈ scattered around; clear about the moon.	
4	C	" "	
6	C	" "	
4	C	≈ scattered about moving NNW.	Mean daily temperature of ground 20 and 60 inches below its surface 83°1 and 83°9.
4	B	" "	
2	B	≈ scattered around hor.	
2	B	" "	
2	B	" "	
3	D	" "	
2	D	" "	
3	D	" "	
3	D	≈ scattered around hor.; mist in hor.	
4	C	" " "	
4	C	" " "	
4	C	" " "	

Bombay Civil Time. 1864.	Standard Barometer.		Thermometers.			Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers.		Wind from Osler's Gauge.		Rain.	Electrical Instruments.			
	Corrected to 32° Fahr.	Corrected for Moisture.	In the Air.	Wet-Bulb Thermometer.	Depression of Wet-Bulb below Thermometer in the Air.				Thermometer 1 inch in the Ground.	Thermometer 9 inches in the Ground.	Direction.	Pressure in lbs. per Square Foot.	By Newman's Gauge.	Sign of Electricity + or −	Readings of Strawson's Volta 1.	Readings of Strawson's Volta 2.	Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 8th-Noon.	29.928	29.246	87·2	74·0	13·2	68·0	0·682	0.54	84·7	80·7	E b N	0.1					
1 p. m.	.896	.311	88.5	71.8	16.7	63.3	.585	.45	85·1	80.8	E	0.1					
2 „	.878	.364	89.8	70.2	19.6	59.5	.514	.38	86.0	81.0	„	0.1					
3 „	.868	.292	90.0	72.0	18.0	62.9	.576	.42	86.2	81.3	E b N	0.2					
4 „	.858	.142	87.5	75.0	12.5	69.5	.716	.57	85.2	81.5	NW	0.4					
5 „	.859	.097	83.4	75.0	8.4	71.4	.762	.68	83.7	81.5	„	0.2	None.	None.	None.	None.	None.
6 „	.881	.138	81.6	74.0	7.6	70.7	.743	.71	82.0	81.6	NW b N	0.1					
7 „	.905	.182	80.1	73.0	7.1	69.8	.723	.72	80.8	81.6	NNW	0.1					
8 „	.915	.219	79.2	72.0	7.2	68·6	.696	.71	79.7	81.5	„	0.5					
9 „	.933	.299	78.4	70.0	8.4	65.9	.634	.67	79.7	81.5	N b W	0.2					
10 „	.938	.289	77.0	70.0	7.0	66.5	.649	.71	78.8	81.4	N	0.1					
11 „	.925	.301	76.2	69.0	7.2	65.3	.624	.70	78.2	81.3	„	0.1					
Dec. 9th-Midnight.	.909	.229	77.4	71.0	6.4	67.9	.680	.74	78.2	81.3	N b E	0.1					
1 a. m.	.899	.217	77.2	71.0	6.2	68.0	.682	.74	78.2	81.1	NNE	0.0					
2 „	.892	.230	75.8	70.0	5.8	67.1	.662	.76	77.4	81.0	NE b N	0.0					
3 „	.880	.218	76.5	70.2	6.3	67.1	.662	.74	77.8	80.9	„	0.1					
4 „	.876	.214	76.5	70.2	6·3	67.1	.662	.74	77.6	80.8	„	0.1					
5 „	.876	.287	76.4	68.0	8.4	63.5	.589	.66	77·0	80.8	NE	0.1					
6 „	.899	.313	76.6	68.0	8.6	63.4	.586	.65	77.2	80.7	„	0.1					
7 „	.936	.358	77.4	68.0	9.4	63.0	.578	.63	78.0	80.6	„	0.1					
8 „	.959	.368	79.2	69.0	10.2	63.7	.591	.61	79.0	80.5	„	0.1					
9 „	.971	.364	80.8	70.0	10.8	64.5	.607	.59	80.0	80.6	„	0.1					
10 „	.970	.379	82.2	70.0	12.2	63.7	.591	.55	81.0	80.8	„	0.1					
11 „	.946	.377	84.2	70.0	14.2	62.5	.569	.50	82.1	81.0	„	0.1	None.	None.	None.	None.	None.
Noon.	.912	.339	87.0	71.0	16.0	62.7	.573	.46	83.8	81.2	NE b E	0.1					
1 p. m.	.877	.264	88.3	72.5	15·8	64.8	.613	.47	84.6	81.2	NW	0.3					
2 „	.863	.193	88.3	74.0	14.3	67.5	.670	.51	85.1	81.4	„	0.5					
3 „	.853	.137	87.5	75.0	12.5	69.5	.716	.57	85.0	81.6	NW b W	0.6					
4 „	.861	.106	85.8	75.5	10·3	71.2	.755	.63	83.8	81.6	„	0·3					
5 „	.871	.105	83.0	75.0	8.0	71.6	.766	.70	83.2	81.5	„	0.1					
6 „	.891	.105	81.2	75.0	6.2	72.4	.786	.76	81.0	81.4	NW	0.1					
7 „	.910	.151	80.2	74.0	6.2	71.3	.759	.75	80.7	81.4	NW b N	0.1					
8 „	.923	.192	79.4	73.0	6.4	70.2	.731	.74	79.8	81·4	„	0.1					
9 „	.941	.243	79.0	72.0	7.0	68.7	.698	.72	79.8	81.6	„	0.3					
10 „	.948	.241	78.2	72.0	6.2	69.1	.707	.75	79.5	81.6	NNW	0.1					
11 „	.941	.281	76.0	70.0	6.0	67.0	.660	.75	78.6	81.5	„	0.1					
Dec. 10th-Midnight	.939	.302	75.0	69.0	6.0	65.9	.637	.75	77.7	81.4	NNW	0.1					
1 a. m.	.933	.288	74.3	69.0	5.3	66.3	.645	.77	76.6	81.2	„	0.0					
2 „	.925	.285	73.2	68·5	4.7	66.1	.640	.80	75.8	81·0	„	0.0					
3 „	.919	.271	74.0	69.0	5.0	66.5	.648	.78	75.9	80·8	„	0.1					
4 „	.921	.273	74.0	69.0	5.0	66.5	.648	.78	75.9	80·6	„	0.2					
5 „	.925	.354	75.0	67.0	8.0	62.6	.571	.67	75.8	80.6	NNE	0.1					
6 „	.939	.407	75.6	66.0	9.6	60.5	.532	.61	75.8	80.5	NE b E	0.1					
7 „	.966	.442	76.4	66.0	10.4	60.0	.524	.58	76.8	80.4	ENE	0.1					
8 „	.993	.491	78.4	66.0	12.4	58.7	.502	.52	78·0	80.3	„	0.1					
9 „	30.008	.504	81.1	67.0	14.1	58.9	.504	.49	79.8	80.4	„	0.1					
10 „	.006	.452	82.5	69.0	13.5	61.7	.554	.51	81.1	80.5	„	0.1					
11 „	29.978	.372	84.0	71.0	13.0	64.4	.606	.53	82.8	80.7	„	0.1	None.	None.	None.	None.	None.
Noon.	.942	.355	85.7	71.0	14.7	63.4	.587	.49	83.2	80.9	„	0.1					
1 p. m.	.902	.409	88.0	69.0	19.0	58.2	.493	.38	85.0	81.0	„	0.1					
2 „	.873	.331	89.8	71.0	18.8	61.0	.542	.40	85.4	81.2	„	0.1					
3 „	.857	.200	87.8	73.5	14.3	66.9	.657	.51	85.0	81.3	W	0.3					
4 „	.856	.188	85.0	73.0	12.0	67.4	.668	.57	83.5	81.4	NW b W	0.5					
5 „	.861	.122	82.0	74.0	8.0	70.5	.739	.69	82.1	81·4	„	0.2					
6 „	.867	.143	80.0	73.0	7.0	69.9	.724	.72	80.7	81.5	NW	0.1					
7 „	.880	.149	79.4	73.0	6.4	70.2	.731	.74	80.0	81.6	„	0.8					
8 „	.891	.226	78.7	71.0	7.7	67.2	.665	.69	79.7	81.5	NNW	1.0					
9 „	.895	.291	78.0	69.0	9.0	64.3	.604	.64	79.5	81.4	„	0.5					
10 „	.890	.277	77.2	69.0	8.2	64.8	.613	.67	78.2	81.3	„	0·1					
11 „	.884	.351	75.5	66.0	9.5	60.5	.533	.62	77.0	81.3	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≤ cirri; ≤≤ cirro-cumuli; ⌒ cumuli; ≤ cirro-strati; ⌒≤ cumulo-strati; and ≤⌒ nimbi.	
6	C	≤ scattered around hor.; mist in hor.	
5	B	≤ scattered about the sky; light mist in hor.	
6	B	" " "	
6	B	" " "	
6	B	≤ scattered throughout; haze in E.	
7	D	" "	
6	D	≤ scattered throughout; halo round the moon.	
6	D	" " "	
6	D	" " "	
7	C	" " "	
6	C	" " "	
6	C	" " "	
4	C	≤ scattered about the sky; halo round the moon.	Mean daily temperature of ground 20 and 60 inches below its surface 83°1 and 83°9.
6	B	≤ scattered throughout.	
5	B	" "	
3	B	" "	
2	B	" "	
2	D	≤ scattered around hor.	
5	D	" "	
4	D	≤ scattered around hor.; mist from S to NW.	
4	D	" " "	
3	C	" " "	
3	C	" " "	
3	C	" " "	
2	C	≤ in the E, N and W; haze.	
1	B	" "	
2	B	" "	
2	B	" "	
2	B	" "	
3	D	≤ scattered about here and there.	
4	D	" "	
3	D	" "	
0	D	A few ≤ about the hor.	
0	C	" "	
0	C	" "	
2	C	≤ scattered around hor.	
3	C	≤ scattered about the hor.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 84°0.
3	B	" "	
5	B	≤ scattered about the hor.; slight dew.	
5	B	" "	
3	B	" "	
2	D	" "	
3	D	≤ scattered about the sky.	
3	D	≤ scattered about the sky; mist in E and W hor.	
3	D	" " "	
3	C	" " "	
5	C	" " "	
5	C	" " "	
6	C	" " "	
8	B	≤ scattered throughout moving N; haze in E.	
8	B	" " "	
8	B	" " "	
8	B	" " "	
7	D	" " "	
7	D	≤ scattered throughout moving N; haze in E; lunar halo.	
7	D	" " "	
6	D	≤ scattered all round hor.; lunar halo.	
5	D	" "	
6	D	" "	
6	D	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 12th-Midnight	29.912	29.297	74°0	68°0	6°0	64°9	0.615	0.74	76°0	80°4	N b W	0.1					
1 a. m.	.905	.253	73.6	69.0	4.6	66.6	.652	.80	75.6	80.3	„	0.1					
2 „	.892	.329	74.6	66.6	8.0	62.2	.563	.67	76.0	80.2	ENE	0.3					
3 „	.884	.385	75.7	65.0	10.7	58.6	.499	.57	76.2	80.1	E	0.5					
4 „	.884	.377	75.0	65.0	10.0	59.0	.507	.59	76.0	80.0	„	0.3					
5 „	.890	.381	74.8	65.0	9.8	59.2	.509	.66	75.6	79.9	ENE	0.4					
6 „	.902	.377	74.5	65.4	9.1	60.1	.525	.63	75.0	79.9	E b N	0.3					
7 „	.928	.389	75.0	66.0	9.0	60.9	.539	.63	75.4	79.8	ENE	0.2					
8 „	.961	.462	75.7	65.0	10.7	58.6	.499	.57	76.0	79.8	„	0.1					
9 „	.984	.482	78.4	66.0	12.4	58.7	.502	.52	77.6	79.9	„	0.1	None.	None.	None.	None.	None.
10 „	.982	.471	79.0	66.5	12.5	59.3	.511	.53	79.2	80.0	„	0.1					
11 „	.957	.478	83.3	67.0	16.3	57.3	.479	.43	81.0	80.1	„	0.1					
Noon.	.928	.403	87.0	69.6	17.4	60.1	.525	.42	82.8	80.3	„	0.1					
1 p. m.	.891	.447	88.5	68.0	20.5	55.1	.444	.35	84.5	80.4	NE	0.1					
2 „	.869	.430	90.9	68.5	22.4	54.7	.439	.31	85.5	80.6	„	0.1					
3 „	.856	.324	90.7	71.0	19.7	60.5	.532	.38	85.8	80.8	NW b W	0.2					
4 „	.853	.173	87.4	74.0	13.4	67.9	.680	.53	85.0	81.0	„	0.2					
5 „	.869	.221	84.2	72.2	12.0	66.5	.648	.57	82.8	81.1	„	0.1					
6 „	.881	.212	81.6	72.0	9.6	67.4	.669	.64	82.0	81.1	„	0.2					
7 „	.907	.163	80.2	73.6	6.6	70.7	.744	.74	80.5	81.0	„	0.3					
8 „	.920	.148	79.0	74.0	5.0	71.8	.772	.80	80.0	81.0	NW b N	0.2					
9 „	.943	.197	78.0	73.0	5.0	70.8	.746	.79	79.7	80.9	NNW	0.1					
10 „	.943	.188	77.2	73.0	4.2	71.2	.755	.82	79.1	80.9	„	0.1					
11 „	.941	.326	74.0	68.0	6.0	64.9	.615	.74	77.5	80.8	„	0.0					
Dec. 13th-Midnight	.940	.344	72.7	67.0	5.7	63.9	.596	.75	76.3	80.6	NNW	0.0					
1 a. m.	.926	.292	72.3	68.0	4.3	65.8	.634	.81	75.3	80.4	„	0.0					
2 „	.920	.252	72.2	69.0	3.2	67.4	.668	.86	75.0	80.2	„	0.0					
3 „	.916	.276	73.3	68.5	4.8	66.1	.640	.79	75.4	80.1	N b W	0.1					
4 „	.914	.332	74.0	67.0	7.0	63.2	.582	.70	75.4	80.0	NNE	0.4					
5 „	.911	.245	73.6	69.4	4.2	67.3	.666	.82	75.0	79.9	NE b E	0.3					
6 „	.927	.313	72.6	67.5	5.1	64.8	.614	.77	74.7	79.9	ENE	0.4					
7 „	.944	.381	74.6	66.6	8.0	62.2	.563	.67	75.0	79.8	E b N	0.5					
8 „	.959	.431	76.0	66.0	10.0	60.3	.528	.60	75.8	79.8	„	0.4					
9 „	.984	.438	77.3	67.0	10.3	61.3	.546	.59	77.0	79.8	„	0.6					
10 „	.983	.427	79.6	68.1	11.5	61.8	.556	.57	78.8	79.8	„	0.4	None.	None.	None.	None.	None.
11 „	.973	.413	82.0	69.0	13.0	62.0	.560	.52	80.1	80.0	„	0.3					
Noon.	.938	.365	83.8	70.0	13.8	62.7	.573	.51	81.3	80.2	ENE	0.1					
1 p. m.	.905	.427	86.3	68.0	18.3	57.3	.478	.39	83.0	80.4	E b N	0.1					
2 „	.879	.435	88.5	68.0	20.5	55.1	.444	.35	83.7	80.5	„	0.1					
3 „	.865	.349	89.0	70.0	19.0	59.6	.516	.39	84.5	80.6	NW b W	0.2					
4 „	.857	.209	86.8	73.0	13.8	66.5	.648	.52	83.9	80.8	WNW	0.2					
5 „	.857	.169	83.3	73.0	10.3	68.3	.688	.62	80.7	80.9	„	0.2					
6 „	.872	.152	80.4	73.0	7.4	69.7	.720	.71	80.0	80.9	NW b W	0.1					
7 „	.894	.103	79.7	74.7	5.0	72.6	.791	.80	79.6	80.8	NW b N	0.3					
8 „	.911	.117	78.4	74.4	4.0	72.8	.794	.83	79.0	80.7	„	0.3					
9 „	.924	.193	77.3	72.4	4.9	70.2	.731	.80	78.6	80.5	NNW	0.3					
10 „	.925	.237	76.0	70.8	5.2	68.3	.688	.78	78.0	80.4	„	0.2					
11 „	.913	.347	73.7	66.4	7.3	62.3	.566	.69	77.3	80.3	„	0.1					
Dec. 14th-Midnight	.904	.360	71.6	65.0	6.6	61.2	.544	.71	75.6	80.2	NNW	0.1					
1 a. m.	.898	.322	71.6	66.0	5.6	62.9	.576	.75	75.0	80.1	„	0.1					
2 „	.892	.330	72.5	66.5	6.0	62.1	.562	.74	75.0	80.0	„	0.0					
3 „	.886	.333	73.3	66.5	6.8	61.6	.553	.71	75.1	80.0	„	0.1					
4 „	.886	.295	73.2	67.0	6.2	63.7	.591	.73	75.0	79.9	NNE	0.2					
5 „	.906	.306	72.7	67.0	5.7	63.9	.596	.75	74.4	79.8	„	0.3					
6 „	.920	.358	72.5	66.5	6.0	62.1	.562	.74	74.0	79.7	NE b N	0.4	None.	None.	None.	None.	None.
7 „	.948	.376	72.0	66.0	6.0	62.7	.572	.74	73.4	79.6	NE b E	0.2					
8 „	.969	.406	74.6	66.6	8.0	62.2	.563	.67	74.0	79.5	ENE	0.1					
9 „	.989	.429	76.3	67.1	9.2	62.0	.560	.63	75.7	79.4	„	0.1					
10 „	.987	.427	79.0	68.0	11.0	62.0	.560	.58	77.5	79.5	„	0.1					
11 „	.970	.399	81.0	69.0	12.0	62.6	.571	.55	79.2	79.6	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are ; ≀ cirri ; ∿ cirro-cumuli; ⌒ cumuli; ⌣ cirro-strati; ⌒ cumulo-strati; and ∿ nimbi.	Remarks.
6	C	≀ scattered throughout the sky.	Mean daily temperature of ground 20 and 60 inches below its surface 83°3 and 84°0. Temperature of free air at 2 P. M. was 90°9, greatest in the month and about 9°1 greater than the normal mean; at the same hour the temperature of deduced dew-point was least in the month and about 12°0 lower than the normal mean.
7	B	≀ scattered throughout the sky; dew falling.	
6	B	" "	
4	B	" "	
3	B	≀ scattered around.	
2	G	" "	
4	G	≀ scattered around; mist around hor.	
4	G	" "	
1	G	" "	
0	C	Cloudless; mist in hor.	
0	C	" "	
0	C	" "	
0	C	"	
0	B	A few ≀ in the SE; haze in E.	
0	B	" "	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	Clear.	
0	G	"	
0	G	"	
0	C	Clear; slight dew falling.	
0	C	" "	
0	C	" "	
0	C	Clear; slight dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 83°2 and 83°9.
0	B	" "	
0	B	" "	
0	B	" "	
0	B	" "	
0	G	A few ≀ in the hor.; slight dew.	
1	G	≀ along the E hor.; thick mist in E and W hor.	
1	G	" "	
1	G	" "	
1	C	" "	
1	C	≀ along the hor. from NE to SE; mist in hor.	
1	C	" " "	
1	C	" " "	
1	B	≀ in the NE, E and SE; haze in E and S.	
1	B	" " "	
0	B	" " "	
0	B	A few ≀ in the SE; haze in E and S.	
0	G	" "	
0	G	" "	
0	G	Haze in hor.	
0	G	"	
0	K	"	
0	K	"	
0	K	"	
0	K	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 83°0 and 83°8. 14th December was the 13th day on which the sky remained almost cloudless.
0	B	"	
0	B	"	
0	B	"	
0	B	"	
0	G	"	
0	G	Fog in E and SE; black mist in W.	
0	G	" "	
0	G	" "	
0	C	" "	
0	C	Mist in hor.	
0	C	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in seconds from the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 14th-Noon.	29.937	29.389	83°4	69°1	14°3	61°4	0.548	0.49	81°0	79°8	ENE	0.1					
1 p. m.	.902	.451	85.7	67.0	18.7	55.5	.451	.38	82.0	79.9	„	0.1					
2 „	.878	.385	88.0	69.0	19.0	58.2	.493	.38	83.8	80.1	„	0.1					
3 „	.866	.247	87.8	72.5	15.3	65.1	.619	.49	84.0	80.3	NW b W	0.4					
4 „	.870	.178	86.3	74.0	12.3	68.5	.692	.57	83.2	80.5	„	0.3					
5 „	.876	.062	83.2	76.3	6.9	73.5	.814	.74	81.5	80.6	„	0.2	None.	None.	None.	None.	None.
6 „	.886	.078	80.2	75.5	4.7	73.6	.816	.81	80.1	80.6	NW b N	0.2					
7 „	.905	.126	78.4	74.0	4.4	72.1	.779	.82	79.0	80.6	„	0.3					
8 „	.911	.117	77.0	74.0	3.0	72.8	.794	.87	78.2	80.6	NNW	0.2					
9 „	.922	.308	74.1	68.0	6.1	64.8	.614	.74	77.0	80.4	„	0.1					
10 „	.915	.365	74.0	66.0	8.0	61.5	.560	.67	76.3	80.3	„	0.1					
11 „	.899	.324	74.6	67.0	7.6	62.8	.575	.68	76.7	80.3	N b W	0.1					
Dec. 15th-Midnight	.889	.300	73.4	67.0	6.4	63.5	.589	.72	76.2	80.2	N	0.1					
1 a. m.	.887	.248	72.1	68.1	4.0	66.0	.639	.82	74.8	80.0	„	0.0					
2 „	.881	.301	71.3	66.0	5.3	63.1	.580	.76	74.0	79.8	„	0.1					
3 „	.876	.229	72.0	68.0	4.0	65.9	.637	.82	74.0	79.6	„	0.1					
4 „	.874	.259	72.5	67.5	5.0	64.9	.615	.78	74.1	79.5	NNE	0.1					
5 „	.879	.250	72.7	68.0	4.7	65.5	.629	.80	74.0	79.4	NE b N	0.2					
6 „	.894	.257	72.0	68.0	4.0	65.9	.637	.82	73.6	79.3	„	0.3					
7 „	.917	.293	71.4	67.4	4.0	65.3	.624	.82	73.0	79.2	NE	0.2					
8 „	.935	.342	73.0	67.0	6.0	63.8	.593	.74	73.7	79.1	ENE	0.1					
9 „	.954	.352	75.2	68.0	7.2	64.2	.602	.70	75.0	79.0	E b N	0.2					
10 „	.953	.393	77.5	67.5	10.0	62.0	.560	.61	76.8	79.1	„	0.1					
11 „	.933	.353	80.2	69.0	11.2	63.1	.580	.58	78.7	79.2	„	0.1	None.	None.	None.	None.	None.
Noon.	.896	.333	81.7	69.0	12.7	62.2	.563	.53	79.7	79.3	„	0.1					
1 p. m.	.858	.312	86.9	70.2	16.7	61.3	.546	.44	82.0	79.5	ENE	0.1					
2 „	.832	.226	87.3	72.0	15.3	64.4	.606	.48	83.0	79.8	WNW	0.2					
3 „	.824	.156	86.8	73.5	13.3	67.4	.668	.54	83.0	80.0	„	0.5					
4 „	.830	.122	84.8	74.0	10.8	69.2	.708	.61	82.0	80.2	„	0.5					
5 „	.839	.060	81.8	75.0	6.8	72.1	.779	.74	81.1	80.3	„	0.3					
6 „	.845	.075	79.2	74.0	5.2	71.8	.770	.79	80.0	80.3	NW	0.3					
7 „	.875	.121	78.6	73.4	5.2	71.1	.754	.79	79.4	80.2	„	0.4					
8 „	.892	.113	76.6	72.2	4.4	72.1	.779	.81	78.0	80.1	„	0.0					
9 „	.910	.204	75.0	71.0	4.0	69.1	.706	.83	76.8	80.0	„	0.0					
10 „	.908	.247	72.8	69.0	3.8	67.1	.661	.83	76.0	79.9	„	0.1					
11 „	.896	.266	71.7	67.7	4.0	65.6	.630	.82	75.2	79.8	„	0.1					
Dec. 16th-Midnight	.893	.251	71.5	68.0	3.5	66.2	.642	.84	74.3	79.6	NW b W	0.1					
1 a. m.	.878	.236	71.5	68.0	3.5	66.2	.642	.84	74.1	79.5	NW	0.0					
2 „	.870	.199	71.3	68.8	2.5	67.5	.671	.89	73.6	79.4	„	0.0					
3 „	.862	.255	71.7	67.0	4.7	64.5	.607	.79	73.6	79.3	„	0.1					
4 „	.860	.272	72.0	66.5	5.5	63.5	.588	.76	73.9	79.3	NNW	0.1					
5 „	.861	.285	71.6	66.0	5.6	62.9	.576	.75	73.0	79.2	N b E	0.2					
6 „	.872	.289	71.0	66.0	5.0	63.2	.583	.78	72.7	79.1	NE b N	0.1					
7 „	.900	.313	71.2	66.2	5.0	63.4	.587	.78	72.0	79.0	NE	0.1					
8 „	.917	.349	72.1	65.9	6.2	62.5	.568	.73	73.0	78.9	„	0.2					
9 „	.943	.395	74.2	66.0	8.2	61.4	.548	.66	74.4	78.8	NE b E	0.3					
10 „	.945	.396	77.0	67.0	10.0	61.4	.549	.60	76.0	78.7	„	0.2					
11 „	.933	.353	79.2	68.7	10.5	63.1	.580	.59	77.8	78.7	ENE	0.2					
Noon.	.909	.307	81.2	70.0	11.2	64.2	.602	.58	79.2	78.9	„	0.1					
1 p. m.	.879	.291	85.6	71.0	14.6	63.5	.588	.50	81.0	79.0	NE b E	0.1	None.	None.	None.	None.	None.
2 „	.871	.250	87.6	72.5	15.1	65.2	.621	.49	82.6	79.3	SW	0.1					
3 „	.861	.199	88.1	73.7	14.4	67.1	.662	.51	83.8	79.6	„	0.3					
4 „	.862	.189	87.3	73.8	13.5	67.6	.673	.53	83.5	79.9	SW b W	0.2					
5 „	.876	.206	82.2	72.2	10.0	67.5	.670	.62	81.4	80.0	„	0.1					
6 „	.886	.181	78.4	72.0	6.4	69.0	.705	.74	79.2	80.0	WSW	0.0					
7 „	.917	.208	76.7	71.6	5.1	69.3	.709	.79	77.5	79.9	„	0.0					
8 „	.930	.199	76.0	72.0	4.0	70.2	.731	.83	77.0	79.8	„	0.0					
9 „	.947	.179	76.0	73.0	3.0	71.7	.768	.87	76.8	79.7	„	0.0					
10 „	.943	.163	75.9	73.3	2.6	72.2	.780	.89	76.7	79.6	NW	0.1					
11 „	.931	.193	75.4	72.0	3.4	70.5	.738	.85	76.7	79.6	N b W	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: ⌒i cirri; ⌒i cirro-cumuli; ⌒i cumuli; ⌒i cirro-strati; ⌒i cumulo-strati; and ⌒i nimbi.	Remarks.
0	C	Mist in hor.	
0	B	A few ⌒ from E to SE; haze.	
0	B	" "	
0	B	" "	
0	B	Cloudless; haze.	
0	G	"	
0	G	"	
0	G	Clear.	
0	G	"	
0	C	"	
0	C	"	
0	C	"	
0	C	Clear; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 82°9 and 83°8. Height of barometer at 3 P. M. was 29·824 in., least in the month, which was about 0·067 in. less than the normal mean.
0	B	" "	
0	B	" "	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	Cloudless; white and black mist in hor.	
0	G	" "	15th December was the 14th day on which the sky remained almost cloudless.
0	G	" "	
0	C	" "	
0	C	" "	
0	C	A few ⌒ in the SE; white and black mist in hor.	
0	C	" " "	
0	B	Cloudless; mist in hor.	
0	B	" "	
0	B	Haze in E and SE; mist in W.	
0	B	" "	
0	G	" "	
0	G	" "	
0	G	Clear; slight dew falling.	
0	G	" "	
0	C	Clear; dew falling.	
0	C	" "	
0	C	" "	
0	C	Clear; copious fall of dew.	Mean daily temperature of ground 20 and 60 inches below its surface 82°9 and 83°8.
0	B	" "	
0	B	" "	
0	B	" "	16th December was the 13th day on which the sky remained entirely cloudless.
0	B	" "	
0	G	" "	
0	G	Clear; fog in E and SE; mist in W and NW.	
0	G	" " "	
0	G	" " "	
0	C	" " "	
0	C	Clear; mist in hor.	
0	C	" "	
0	C	" "	
0	B	" "	
0	B	" "	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	Clear.	
0	G	Clear; dew falling.	
0	G	" "	
0	C	" "	
0	C	" "	
0	C	" "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straw of Volta 1.	Electrical Instruments. Readings of Straw of Volta 2.	Electrical Instruments. Interval of Time in seconds between the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 17th-Midnight	29.921	29.208	74°4	71°0	3°4	69°4	0.713	0·85	76°3	79°5	N b W	0.2					
1 a. m.	.901	.246	74·0	69.2	4.8	66.8	.655	.79	76.0	79.4	N	0.2					
2 „	.892	.268	73.2	68.0	5.2	65.3	.624	.77	75.3	79.3	„	0.2					
3 „	.887	.292	72.8	67.0	5.8	63.9	.595	.75	74.5	79.2	N b E	0.3					
4 „	.882	.310	72.0	66.0	6.0	62.7	.572	.74	74.1	79.2	NE b N	0.3					
5 „	.890	.318	72.0	66·0	6.0	62.7	.572	.74	74.0	79.1	„	0.4					
6 „	.900	.331	71.1	65.6	5.5	62.5	.569	.76	73.1	79.0	„	0.2					
7 „	.924	.369	70.6	65.0	5.6	61.8	.555	.75	72.5	78.9	NE	0.2					
8 „	.952	.443	72.0	64.0	8.0	59.2	.509	.66	73.0	78.8	„	0.1					
9 „	.965	.430	75.4	66.0	9.4	60.6	.535	.62	75.0	78.6	„	0.2					
10 „	.964	.402	77.3	67.5	9.8	62.1	.562	.61	76.0	78.8	„	0.2					
11 „	.943	.403	79.3	67.5	11.8	60.9	.540	.55	78·0	78.9	„	0.1	None.	None.	None.	None.	None.
Noon.	.906	.354	82.7	69.0	13.7	61.6	.552	.51	79.8	79.0	„	0.1					
1 p. m.	.891	.284	85.6	71.5	14.1	64.5	.607	.51	81.5	79.2	W b N	0.1					
2 „	.870	.286	86.0	71.0	15.0	63.3	.584	.48	82.1	79.3	„	0.1					
3 „	.857	.280	86.6	71.0	15.6	62.9	.577	.47	82.5	79.5	„	0.1					
4 „	.857	.266	85·4	71.0	14.4	63.7	.591	.50	82.2	79.6	„	0.2					
5 „	.865	.216	80.8	71.2	9.6	66.5	.649	.63	80.3	79.8	„	0.5					
6 „	.880	.287	79.0	69.0	10.0	63.8	.593	.61	79.0	79.8	„	0.3					
7 „	.902	.296	77.8	69.0	8.8	64.4	.606	.65	78.2	79.7	WNW	0.1					
8 „	.923	.314	76.0	68.5	7.5	64.6	.609	.70	77.4	79.6	„	0.1					
9 „	.935	.304	75.5	69.0	6.5	65.6	.631	.73	77.0	79.6	NW b W	0.0					
10 „	.934	.295	74.8	69.0	5.8	66.0	.639	.75	76.4	79.5	„	0.0					
11 „	.922	.247	74.6	70.0	4.6	67.7	.675	.80	75.8	79.4	NE b N	0.1					
Dec. 19th-Midnight	.925	.257	72.2	69.0	3.2	67.4	.668	.86	74.9	79.1	NW b N	0.0					
1 a. m.	.908	.260	71.6	68.2	3.4	66.5	.648	.85	74.0	79.0	„	0.0					
2 „	.901	.286	71.0	67.0	4.0	64.9	.615	.83	73.5	78.9	„	0.0					
3 „	.890	.246	70.8	67.8	3.0	66.3	.644	.86	73.1	78.7	„	0.0					
4 „	.883	.266	70.8	67·0	3.8	65.0	.617	.83	73·0	78.6	NNW	0.1					
5 „	.891	.265	70.0	67.0	3.0	65.4	.626	.86	72.9	78.5	N	0.2					
6 „	.904	.285	69.8	66.7	3.1	65.1	.619	.86	72.7	78.3	„	0.1					
7 „	.932	.344	70.5	66.0	4.5	63.5	.588	.80	72.0	78·3	„	0.1					
8 „	.964	.371	73.0	67.0	6.0	63.8	.593	.74	73.1	78.2	N b E	0.1					
9 „	.986	.351	75.2	69.0	6.2	65.9	.635	.74	74.8	78.2	„	0.1					
10 „	.983	.372	77.4	69.0	8.4	64.7	.611	.66	76.5	78.3	NNE	0.1					
11 „	.952	.333	79.7	70.0	9.7	65.1	.619	.63	78.0	78.5	„	0.1					
Noon.	.927	.314	81.5	70.4	11.1	64.8	.613	.59	79.1	78.7	„	0.1	None.	None.	None.	None.	None.
1 p. m.	.888	.269	82.8	71.0	11.8	65.1	.619	.57	80.0	78.9	N b W	0.2					
2 „	.866	.256	84.3	71.2	13.1	64.6	.610	.53	80.9	79.1	WNW	0.3					
3 „	.857	.228	85.3	72.0	13.3	65.5	.629	.53	82.0	79.2	„	0.3					
4 „	.861	.229	85.0	72.0	13.0	65.7	.632	.54	82.0	79.4	„	0.3					
5 „	.864	.195	81.6	72.0	9.6	67.3	.669	.64	80.0	79.5	NW	0.4					
6 „	.869	.075	78.4	74.4	4.0	72.8	.794	.83	79.1	79.5	„	0.5					
7 „	.890	.102	77.5	74.0	3.5	72.5	.788	.85	78.0	79.4	„	0·3					
8 „	.903	.109	77.0	74.0	3.0	72.8	.794	.87	77.7	79.4	„	0.2					
9 „	.929	.172	77.0	73.0	4.0	71.2	.757	.83	77.7	79.4	NW b N	0.1					
10 „	.931	.257	74.7	70.0	4.7	67.7	.674	.80	74.6	79.3	„	0.0					
11 „	.916	.264	73.6	69.0	4.6	66.6	.652	.80	76.0	79.3	„	0.0					
Dec. 20th-Midnight	.903	.246	73.2	69.0	4.2	66.9	.657	.82	75.6	79.2	NW b N	0.0					
1 a. m.	.888	.299	72.2	66.6	5.6	63.5	.589	.76	74·6	79.0	NW	0.0					
2 „	.876	.268	71.6	67.0	4.6	64.5	.608	.81	74.0	78.9	„	0.0					
3 „	.870	.279	71.8	66.5	5.3	63.6	.591	.77	74.0	78·8	„	0.1					
4 „	.869	.286	71.0	66.0	5.0	63.2	.583	.78	73.5	78.6	„	0.0					
5 „	.872	.276	71.8	66.5	5.3	63.9	.596	.77	73.0	78.5	„	0.1					
6 „	.886	.318	72.1	65.9	6.2	62.5	.568	.73	73·0	78.4	„	0.2	None.	None.	None.	None.	None.
7 „	.911	.297	72.6	67.5	5.1	64.8	.614	.77	73.4	78·4	N b W	0.1					
8 „	.943	.357	73.6	67.0	6.6	63·4	.586	.72	74.0	78.3	„	0.1					
9 „	.966	.391	75.2	67.2	8.0	62.8	.575	.67	75.6	78.4	„	0.1					
10 „	.964	.343	78.0	69.5	8.5	65.2	.621	.66	76.8	78.5	„	0.1					
11 „	.936	.285	80.0	71.0	9.0	66.6	.651	.65	78.2	78.7	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ∖ cirri; ∨ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ⌒ cumulo-strati; and ∨⌣ nimbi.	
0	C	Cloudless; copious fall of dew.	Mean daily temperature of ground 20 and 60 inches below its surface 82°9 and 83°8.
0	B	" "	
0	B	" "	
0	B	A few ∖ in the E; slight dew.	
1	B	∖ in the E and NE; slight dew.	
1	G	" "	
3	G	∖ scattered around hor.; mist in S and W hor.	
5	G	∖ scattered throughout; fog in E; thick black mist in W.	
6	G	" " "	
5	B	" " "	
2	B	∖ scattered about; mist in hor.	
0	B	" "	
1	B	" "	
2	C	" "	
2	C	" "	
4	C	∖ scattered throughout.	
5	C	" "	
7	B	" "	
7	B	" "	
5	B	" "	
4	B	" "	
4	B	" "	
3	B	" "	
4	B	∖ scattered throughout; slight dew.	
0	C	Cloudless; dew falling.	Mean daily temperature of ground 20 and 60 inches below its surface 82°6 and 83°8. Temperature of free air at 6 A.M. was 69°8, lowest during the month and the normal mean temperature was 71°3.
0	B	" "	
0	B	" "	
0	B	" "	
0	B	" "	
3	G	∖ scattered around the hor; dew.	
6	G	" "	
6	G	∖ scattered aroud the hor; fog in E and mist in W.	
5	G	" " "	
4	C	" " "	
2	C	∖ scattered about; mist in hor.	
2	C	" "	
2	C	" "	
2	B	∖ scattered about; haze in E and mist in W.	
2	B	" " "	
2	B	∖ scattered about; hazy.	
3	B	" "	
5	G	" "	
5	G	L ∖ scattered around hor.	
4	G	" "	
4	G	" "	
4	C	" "	
4	C	" "	
3	C	" "	
2	C	∖ scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 82°4 and 83°7.
0	B	" "	
1	B	∖ scattered about; ∨ in the S.	
0	B	∖ and ∨ scattered about.	
0	B	" "	
0	G	A few clouds in hor.	
4	G	∖ and ∨ scattered about the sky; mist in W.	
6	G	∖, ∨ and ⌣ scattered around hor; hazy.	
7	G	" " "	
7	C	" " "	
7	C	∖ and ⌣ in the N, E and SE; ∨ scattered throughout; haze.	
8	C	" " "	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 20th-Noon	29.901	29.264	81·3	71·0	10·3	65·9	0.637	0.61	79·2	78·8	NNW	0·1					
1 p. m.	.874	.220	83.0	72.0	11.0	66.7	.654	.59	80.0	79.0	WNW	0.3					
2 „	.857	.193	83.8	72.5	11.3	67.2	.664	.59	80.5	79.1	W b N	0.2					
3 „	.856	.188	85.0	73.0	12.0	67.4	.668	.57	81.5	79.4	„	0.2					
4 „	.859	.164	84.6	73.6	11.0	68.6	.695	.60	81.5	79.5	„	0.3					
5 „	.873	.168	81.7	73.0	8.7	69.0	.705	.67	80.2	79.6	„	0.2	None.	None.	None.	None.	None.
6 „	.891	.160	79.4	73.0	6.4	70.2	.731	.74	79.0	79.6	WNW	0.1					
7 „	.911	.144	78.2	73.6	4.6	71.6	.767	.81	78.6	79.5	„	0.0					
8 „	.926	.169	77.0	73.0	4.0	71.2	.757	.83	78.0	79.5	„	0.0					
9 „	.947	.187	76.7	73.0	3.7	71.4	.760	.84	78.0	79.4	„	0.0					
10 „	.948	.260	75·0	70.5	4·5	68.3	.688	.81	77.8	79.4	„	0.0					
11 „	.940	.264	74.5	70.0	4.5	67.8	.676	.81	76.6	79.3	„	0.1					
Dec. 21st-Midnight	.925	.303	73·4	68.0	5.4	65.2	.622	.77	76.0	79.2	WNW	0.1					
1 a. m.	.902	.298	72.0	67.0	5.0	64.3	.604	.78	74.6	79.1	„	0.0					
2 „	.891	.287	72.0	67.0	5.0	64.3	.604	.78	74.2	79.0	„	0.0					
3 „	.886	.270	71.5	67.2	4.3	64.9	.616	.81	73.9	78.9	„	0.0					
4 „	.887	.283	72.0	67.0	5.0	64.3	.604	.78	74.1	78.8	„	0.0					
5 „	.889	.303	73·6	67.0	6.6	63.4	.586	.72	74.0	78.8	„	0.3					
6 „	.905	.319	73.6	67.0	6.6	63.4	.586	.72	74.0	78.7	NW b W	0.2					
7 „	.931	.349	74.0	67.0	7.0	63.2	.582	.70	74.2	78.7	N	0.1					
8 „	.958	.407	75.4	66.5	8.9	61.5	.551	.64	75.0	78.6	„	0·2					
9 „	.988	.388	76.6	68.4	8.2	64.1	.600	.67	76.1	78.6	„	0.1					
10 „	.984	.354	78.7	70.0	8.7	65.6	.630	.66	77.8	78.7	„	0·1					
11 „	.947	.342	79.8	69.6	10.2	64.4	.605	.61	78.3	78.8	„	0.1	None.	None.	None.	None.	None.
Noon.	.918	.312	84.0	71.0	13.0	64.4	.606	.53	80.3	79.0	N b E	0.1					
1 p. m.	.879	.260	86.2	72.0	14.2	65.1	.619	.51	82.0	79.2	NW b W	0.2					
2 „	.858	.237	86.0	72.0	14.0	65.2	.621	.51	82.0	79.3	W b N	0.3					
3 „	.844	.244	86.2	71.5	14.7	64.1	.600	.49	82.4	79.5	„	0.3					
4 „	.850	.222	85.4	72.0	13.4	65.5	.628	.53	82.4	79.7	„	0 2					
5 „	.854	.184	82.2	72.2	10.0	67.5	.670	.62	81.2	79.8	WNW	0.3					
6 „	.867	.143	80.0	73.0	7.0	69.9	.724	.72	80.0	79.9	„	0.4					
7 „	.891	.192	79.6	72.2	7.4	68.8	.699	.71	79.1	79.8	„	0.1					
8 „	.814	.147	78.5	71.0	7.5	67.3	.667	.70	78.2	79.7	„	0.1					
9 „	.929	.293	75.4	69.1	6.3	65.9	.636	.73	77.2	79.6	„	0.0					
10 „	.931	.344	73.5	67.0	6.5	63.4	.587	.72	76.5	79.5	„	0.0					
11 „	.916	.279	75·0	69.0	6·0	65.9	.637	.75	76.5	79.4	„	0.1					
Dec. 22nd-Midnight	.905	.264	74.6	69.0	5·6	66.1	.641	.76	76.2	79.4	WNW	0.0					
1 a. m.	.890	.271	73.6	68.0	5.6	65.1	.619	.76	75.5	79.3	„	0.0					
2 „	.876	.305	72.1	66.0	6.1	62.6	.571	.73	74.5	79.2	„	0.0					
3 „	.867	.287	71.3	66.0	5.3	63.1	.580	.76	73.3	79.1	„	0.1					
4 „	.878	.302	71.6	66.0	5.6	62.9	.576	.75	73.0	79.0	„	0.1					
5 „	.899	.348	71.0	65.0	6·0	61.5	.551	.73	73·0	78.9	„	0.1					
6 „	.927	.355	72.0	66.0	6.0	62.7	.572	.74	73.4	78.8	NW	0.1					
7 „	.953	.378	73.2	66.5	6.7	62.8	.575	.71	74.0	78.6	N	0.3					
8 „	.977	.379	75.5	68.0	7.5	64.0	.598	.69	75.2	78.5	NE b N	0.3					
9 „	.981	.403	77.4	68.0	9.4	63.0	.578	.63	76.0	78.6	NE b E	0.2					
10 „	.974	.403	78.0	68.0	10.0	62.6	.571	.61	77.0	78.7	„	0.1					
11 „	.955	.404	80.2	68.2	12.0	61.5	.551	.54	78.1	78.8	„	0.1	None.	None.	None.	None.	None.
Noon.	.927	.376	82.8	69.0	13.8	61.5	.551	.51	80.0	79.0	NW b N	0.2					
1 p. m.	.896	.292	84.2	71.0	13.2	64.3	.604	.53	81.3	79.2	WNW	0.3					
2 „	.877	.253	84.7	71.7	13.0	65.3	.624	.54	81.5	79.4	„	0.2					
3 „	.865	.217	84.2	72.2	12.0	66.5	.648	.57	81.3	79.5	„	0.2					
4 „	.875	.232	84.0	72.0	12.0	66.2	.643	.57	81.0	79.5	„	0.1					
5 „	.894	.247	80.4	71.0	9.4	66.4	.647	.64	80.3	79.5	„	0.3					
6 „	.898	.231	78.5	71.0	7.5	67.3	.667	.70	79.1	79.5	„	0.2					
7 „	.915	.249	77.0	70.5	6.5	67.3	.666	.73	78.4	79.5	„	0.3					
8 „	.928	.309	76.6	69.0	7.6	65·1	.619	.69	78.0	79.5	„	0.2					
9 „	.935	.299	75.4	69.1	6.3	65.9	.636	.73	76.9	79.4	N	0.2					
10 „	.941	.326	74.0	68.0	6.0	64.9	.615	.74	76.0	79.4	„	0.3					
11 „	.938	.323	73.1	67.7	5.4	64.9	.615	.77	75.1	79.3	„	0.0					

Amount of Clouds 0—8.	Observers.	State of the Weather. Note.—In recording these Observations, the Symbols used to denote the clouds are: cirri; cirro-cumuli; cumuli; cirro-strati; cumulo-strati; and nimbi.	Remarks.
8	C	Nearly overcast: moving NNE; break in SE; haze.	
8	B	" " "	
6	B	" " "	
3	B	scattered throughout moving NE; haze.	
2	B	scattered from N to S (by E); haze.	
3	G	scattered about in E and W; haze in E.	
6	G	from NE to SE; throughout.	
6	G	" "	
5	G	and scattered about; slight dew.	
4	C	" "	
4	C	" "	
4	C	" "	
4	C	scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 82°3 and 83°6.
1	B	in the N and W.	
1	B	" "	
0	B	A few clouds in the E.	
0	B	" "	
0	G	" "	
1	G	and in the SE and S; thick mist.	
0	G	" "	
0	G	A few in the S; mist in hor.	
0	C	" "	
0	C	Cloudless; mist.	
0	C	in the SE; mist.	
0	C	" "	
0	B	Mist in E and SE.	
0	B	" "	
0	B	in the E; mist.	
0	B	Mist and haze in hor.	
0	G	in the NE; haze.	
0	G	Clear.	
0	G	"	
0	G	"	
0	C	"	
0	C	"	
0	C	"	
0	C	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 82°2 and 83°6.
0	B	"	
0	B	"	
0	G	Clear; slight dew.	22nd December was the 14th cloudless day from the beginning of the year.
0	G	" "	
0	C	" "	
0	C	Fog and mist.	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	Mist around hor.	
0	C	" "	
0	C	" "	
0	B	" "	
0	B	" "	
0	G	" "	
0	G	Clear.	
0	C	"	
0	C	"	
0	B	"	
0	B	"	
0	G	"	
0	G	"	
0	C	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet-Bulb Thermometer.	Thermometers. Depression of Wet-Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 8 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 23rd-Midnight	29.926	29.326	72°4	67°0	5°4	64°1	0.600	0.76	74°3	79°2	N	0.0					
1 a. m.	.907	.378	73.0	65.0	8.0	60.3	.529	.66	74.5	79.1	„	0.0					
2 „	.896	.435	72.3	62.5	9.8	56.2	.461	.59	74.0	79.0	„	0.1					
3 „	.885	.387	73.0	64.0	9.0	58.5	.498	.62	74.2	78.9	„	0.0					
4 „	.891	.362	73.0	65.0	8.0	60.3	.529	.66	74.2	78.7	„	0.0					
5 „	.909	.313	71.8	66.5	5.3	63.9	.596	.77	73.2	78.6	„	0.0					
6 „	.934	.351	71.0	66.0	5.0	63.2	.583	.78	72.0	78.5	„	0.1					
7 „	.968	.366	71.6	66.8	4.8	64.2	.602	.79	72.2	78.4	„	0.3					
8 „	.989	.400	73.4	67.0	6.4	63.5	.589	.72	73.4	78.3	NNE	0.2					
9 „	30.005	.416	76.4	68.0	8.4	63.5	.589	.66	75.8	78.3	NE b N	0.1					
10 „	29.999	.399	77.4	69.0	8.4	64.1	.600	.66	76.8	78.4	„	0.1	None.	None.	None.	None.	None.
11 „	.964	.371	79.0	69.0	10.0	63.8	.593	.61	78.0	78.5	„	0.1					
Noon.	.937	.375	81.8	69.0	12.8	62.1	.562	.53	79.2	78.6	„	0.1					
1 p. m.	.912	.353	85.1	70.0	15.1	62.0	.559	.48	80.6	78.6	„	0.1					
2 „	.891	.347	85.3	69.5	15.8	61.2	.544	.46	81.3	78.9	NW b W	0.2					
3 „	.882	.338	85.3	69.5	15.8	61.2	.544	.46	81.6	79.1	„	0.2					
4 „	.886	.298	84.7	70.7	14.0	63.5	.588	.51	81.5	79.3	„	0.2					
5 „	.899	.261	81.8	71.2	10.6	66.0	.638	.60	80.0	79.4	„	0.3					
6 „	.917	.225	79.5	72.0	7.5	68.5	.692	.70	79.2	79.4	NW	0.3					
7 „	.932	.229	78.5	72.0	6.5	69.0	.703	.74	78.5	79.3	„	0.1					
8 „	.938	.218	77.0	72.0	5.0	69.7	.720	.79	78.0	79.3	„	0.1					
9 „	.953	.353	75.4	68.0	7.4	64.0	.600	.69	77.0	79.3	„	0.1					
10 „	.954	.350	75.0	68.0	7.0	64.3	.604	.71	76.5	79.2	„	0.0					
11 „	.951	.347	75.0	68.0	7.0	64.3	.604	.71	76.5	79.2	„	0.1					
Dec. 24th-Midnight	.947	.341	74.8	68.0	6.8	64.4	.606	.72	76.4	79.2	NW b N	0.1					
1 a. m.	.942	.356	73.6	67.0	6.6	63.4	.586	.72	75.5	79.1	„	0.1					
2 „	.932	.398	74.0	65.5	8.5	60.6	.534	.65	75.3	79.0	NNW	0.1					
3 „	.924	.358	74.0	66.5	7.5	62.3	.566	.68	75.3	78.8	„	0.1					
4 „	.937	.365	73.5	66.5	7.0	62.7	.572	.70	75.0	78.8	„	0.2					
5 „	.968	.375	73.0	67.0	6.0	63.8	.593	.74	74.2	78.7	N	0.1					
6 „	.985	.341	70.8	67.8	3.0	66.3	.644	.86	73.4	78.6	N b E	0.2					
7 „	30.013	.392	72.2	67.6	4.6	65.2	.621	.80	74.0	78.5	N	0.2					
8 „	.047	.476	75.0	67.0	8.0	62.6	.571	.67	74.9	78.4	ENE	0.3					
9 „	.069	.461	77.6	69.0	8.6	64.5	.608	.66	76.7	78.4	E b S	0.4					
10 „	.065	.503	81.8	69.0	12.8	62.1	.562	.53	78.7	78.5	„	0.4	None.	None.	None.	None.	None.
11 „	.042	.436	84.0	71.0	13.0	64.4	.606	.53	80.6	78.7	ESE	0.2					
Noon.	.021	.419	84.4	71.0	13.4	64.2	.602	.52	81.0	78.9	„	0.1					
1 p. m.	29.982	.468	87.7	69.5	18.2	59.4	.514	.41	83.0	79.0	WSW	0.2					
2 „	.958	.389	87.4	71.0	16.4	62.5	.560	.45	83.0	79.3	W b N	0.2					
3 „	.950	.338	86.8	72.0	14.8	64.7	.612	.50	83.0	79.5	NW b W	0.3					
4 „	.955	.298	86.0	73.0	13.0	66.9	.657	.54	83.0	79.7	„	0.3					
5 „	.974	.274	82.2	73.0	9.2	68.8	.700	.65	81.5	79.8	„	0.2					
6 „	.986	.266	80.4	73.0	7.4	69.7	.720	.71	80.4	79.9	NW	0.1					
7 „	30.005	.281	80.0	73.0	7.0	69.9	.724	.72	80.2	80.0	NW b W	0.2					
8 „	.023	.255	79.4	74.0	5.4	71.7	.768	.78	80.0	79.9	„	0.1					
9 „	.032	.268	78.0	73.5	4.5	71.5	.764	.81	79.2	79.8	NW	0.1					
10 „	.033	.269	76.4	73.0	3.4	71.5	.764	.85	78.8	79.7	„	0.1					
11 „	.031	.300	76.0	72.0	4.0	70.2	.731	.83	78.2	79.6	„	0.1					
Dec. 27th-Midnight	30.000	.418	74.0	67.0	7.0	63.2	.582	.70	76.3	79.7	NNW	0.1					
1 a. m.	29.989	.407	73.4	66.8	6.6	63.2	.582	.72	75.8	79.7	„	0.0					
2 „	.980	.405	73.5	66.6	6.9	62.8	.575	.70	75.3	79.6	„	0.0					
3 „	.966	.397	72.3	66.0	6.3	62.5	.569	.73	74.5	79.4	„	0.0					
4 „	.957	.385	72.0	66.0	6.0	62.7	.572	.74	74.0	79.2	„	0.0					
5 „	.959	.359	72.4	67.0	5.4	64.1	.600	.76	74.0	79.1	„	0.0	None.	+	8		2.26
6 „	.978	.378	72.4	67.0	5.4	64.1	.600	.76	73.8	79.0	„	0.1		+	6		3.00
7 „	30.002	.410	72.5	66.8	5.7	63.7	.592	.75	73.0	78.9	„	0.1		+	12	8	1.37
8 „	.030	.415	74.0	68.0	6.0	64.9	.615	.74	74.1	78.8	„	0.2		+	4		3.11
9 „	.046	.419	77.8	69.6	8.2	65.4	.627	.67	76.8	78.8	„	0.2					
10 „	.044	.420	79.3	70.0	9.3	65.3	.624	.64	78.4	78.8	N b E	0.1					
11 „	.014	.406	80.7	70.0	10.7	64.5	.608	.60	79.1	79.0	„	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are : ≀ cirri; ≋ cirro-cumuli; ⌒ cumuli; ⌣ cirro-strati; ⌒ cumulo-strati; and ≋ nimbi.	
0	C	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 82°2 and 83°6; temperature of evaporation at 2 A. M. was 62°5, lowest in the month and about 4°7 lower than the normal mean.
0	B	,,	
0	B	,,	
0	B	,,	
0	B	,,	
1	G	≀ scattered along the hor. from NE to SE.	
2	G	≀ scattered along the hor. from NE to SE; mist.	
2	G	,, ,, ,,	
1	G	,, ,, ,,	
0	C	A few ≀ in the S; mist.	
0	C	,, ,,	
0	C	Cloudless; mist.	
0	C	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	B	,,	
0	G	,,	
0	G	,,	
0	G	,,	
0	G	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 82°1 and 83°6. Height of barometer at 9 A.M. was 30.069 in., greatest in the month, while the normal mean height was 29.986 in. 24th December was the 15th cloudless day.
0	B	,,	
0	B	,,	
0	B	,,	
0	B	,,	
0	G	,,	
0	G	Fog and mist.	
0	G	,,	
0	G	,,	
0	C	,,	
0	C	Thin mist in hor.	
0	C	,, ,,	
0	C	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	B	,, ,,	
0	C	,, ,,	
0	C	Clear.	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	,,	
0	C	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 82°2 and 83°6.
0	B	,,	
0	B	,,	
0	B	,,	
0	B	,,	
1	G	≀ along the E hor.	
2	G	≀ along the E hor.; mist.	
5	G	≀ scattered all round; mist.	
6	G	≀ scattered throughout; mist.	
7	C	,, ,,	
7	C	,, ,,	
7	C	,, ,,	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 6 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 27th-Noon.	29.988	29.439	83°0	69°0	14°0	61°4	0·549	0.50	80°5	79°1	NNE	0.1					
1 p. m.	.952	.414	87.0	70.0	17.0	60.8	·538	.43	82·5	79.4	,,	0.1					
2 ,,	.936	.356	89.6	72.0	17.6	63.1	·580	.43	84.0	79.7	N b E	0.2					
3 ,,	.932	.284	88.6	73.5	15.1	66.5	·648	.50	84.2	79.9	WNW	0.2					
4 ,,	.935	.213	87.0	75.0	12.0	69.8	·722	.58	83.8	80.1	,,	0.4					
5 ,,	.943	.186	83.8	75.0	8.8	71.2	·757	.67	82.4	80.2	,,	0.3					
6 ,,	.954	.189	81.7	74.6	7.1	71.6	·765	.73	81.1	80.3	,,	0.2	None.	None.	None.	None.	None.
7 ,,	.978	.249	80.2	73.2	7.0	70.1	·729	.72	80.2	80.3	NW	0.4					
8 ,,	.985	.250	79.0	73.0	6.0	70·3	·735	.76	80.0	80.2	,,	0.2					
9 ,,	.994	.248	78.0	73.0	5.0	70.8	·746	.79	79.0	80.2	,,	0.2					
10 ,,	.999	.322	76.0	70.5	5.5	67.8	·677	.77	78.1	80.1	NW b N	0.1					
11 ,,	.993	.359	75.3	69.0	6.3	65.8	·634	.73	77.2	80.0	,,	0.1					
Dec. 28th-Midnight.	.987	.353	75.3	69.0	6.3	65.8	·634	.73	77.2	80.0	NNW	0.1					
1 a. m.	.980	.337	76.0	69.5	6.5	66.2	·643	.73	77.4	79.8	,,	0.0					
2 ,,	.968	.330	76.5	69.5	7.0	66.0	·638	.71	77.4	79.8	N	0.4					
3 ,,	.955	.292	75.7	70.0	5.7	67.2	·663	.76	77.0	79.7	NE	0.2					
4 ,,	.949	.312	75.0	69.0	6.0	65.9	·637	.75	76.4	79.5	,,	0.2					
5 ,,	.952	.335	74.4	68.2	6.2	65.0	·617	.74	76.0	79.4	,,	0.3					
6 ,,	.960	.312	74.0	69.0	5.0	66.5	·648	.78	76.0	79.3	,,	0.2					
7 ,,	.995	.350	74.3	69.0	5.3	66.3	·645	.77	76.2	79.3	,,	0.1					
8 ,,	30.013	.376	75.0	69.0	6.0	65.9	·637	.75	76.5	79.3	,,	0.2					
9 ,,	.041	.393	78.4	70.4	8.0	66.5	·648	.68	78.0	79.4	NE b E	0.1					
10 ,,	.037	.403	79.7	70.4	9.3	65.8	·634	.64	79.0	79.4	,,	0.1					
11 ,,	.015	.356	82.5	72.0	10.5	67.0	·659	.61	80.6	79.5	,,	0.1	None.	None.	None.	None.	None.
Noon.	29.981	.333	84.2	72.2	12.0	66.5	·648	.57	81.6	79.7	NE	0.1					
1 p. m.	.954	.297	86.0	73.0	13·0	66.9	·657	.54	82.4	79.9	NNW	0.2					
2 ,,	.936	.273	86.1	73.2	12.9	67.2	·663	.55	82.5	80.1	WNW	0.2					
3 ,,	.930	.246	87.0	74.0	13.0	68.1	·684	.55	83.1	80.2	,,	0.3					
4 ,,	.929	.187	85.2	75.0	10·2	70.6	·742	.63	83.0	80.4	,,	0·2					
5 ,,	.930	.105	82.6	76.4	6.2	73.9	·825	.76	81.6	80.5	,,	0.2					
6 ,,	.938	.170	79.4	74.0	5.4	71.7	·768	.78	80.0	80.6	,,	0.1					
7 ,,	.955	.191	78.0	73.5	4.5	71.5	·764	.81	79.6	80.6	,,	0.4					
8 ,,	.971	.206	78.0	73.5	4.5	71.6	·765	.81	79.6	80.5	,,	0.3					
9 ,,	.983	.248	79.0	73.0	6.0	70.3	·735	.76	79.6	80.4	,,	0.3					
10 ,,	.988	.274	77.5	72.0	5.5	69.4	·714	.77	78·8	80.3	NW b W	0.1					
11 ,,	.983	.324	76.1	70.0	6.1	67.0	·659	.75	78.2	80.2	,,	0.1					
Dec. 29th-Midnight.	.982	.317	75.5	70.0	5.5	67.2	·665	·77	77.5	80.2	NW b W	0.1					
1 a. m.	.976	.299	76.0	70.5	5.5	67.8	·677	.77	77.3	80.0	NW	0.0					
2 ,,	.962	.349	74.2	68·0	6.2	64.8	·613	.74	75.5	79.9	,,	0.0					
3 ,,	.958	.365	73.0	67.0	6.0	63.8	·593	.74	75.0	79.7	NW b W	0.0					
4 ,,	.961	.390	73.4	66.4	7.0	62.6	·571	.70	75.2	79.6	NW	0.0					
5 ,,	.964	.414	72.6	65.5	7.1	61.5	·550	.70	74.4	79.5	,,	0.2					
6 ,,	.969	.412	72.8	65.8	7.0	61.9	·557	.70	74.0	79.4	,,	0.2					
7 ,,	.997	.406	73.2	67.0	6.2	63.7	·591	.73	74.6	79.4	NW b N	0.1					
8 ,,	30.017	.446	75.0	67.0	8.0	62.6	·571	.67	75.5	79.4	N b W	0.2					
9 ,,	.032	.462	78.1	68·0	10.1	62.6	·570	.60	77.8	79.4	N b E	0.1					
10 ,,	.028	.464	79.2	68.2	11.0	62.2	·564	.58	78.3	79.4	,,	0.1					
11 ,,	.009	.411	81.5	70.0	11.5	64.0	·598	.57	79.5	79.5	,,	0.2					
Noon.	29.983	.366	83.0	71.0	12.0	65.0	·617	.56	81.0	79.6	NW	0.2	None.	None.	None.	None.	None.
1 p. m.	.954	.302	85.1	72.6	12.5	66.6	·652	.55	81.7	79.7	,,	0.2					
2 ,,	.931	.286	85.4	72.5	12.9	66.3	·645	.54	82.0	79.9	,,	0.3					
3 ,,	.924	.263	85.6	73.0	12.6	67.1	·661	.56	82.4	80.0	,,	0.3					
4 ,,	.922	.264	84.3	72.5	11.8	66.7	·658	.57	82.0	80.2	,,	0.2					
5 ,,	.931	.256	82.4	72.4	10.0	67.7	·675	.62	80.6	80·3	,,	0.1					
6 ,,	.942	.246	79.2	72.0	7.2	68.6	·696	.71	80.0	80.3	,,	0.2					
7 ,,	.959	.250	78.4	72.0	6.4	69.0	·705	.74	79.5	80.2	NW b N	0.4					
8 ,,	.979	.222	77.0	73.0	4.0	71.2	·757	.83	78.1	80.1	,,	0.2					
9 ,,	.994	.258	75.5	72.0	3.5	70.4	·736	.85	77.3	80.0	NNW	0.0					
10 ,,	.996	.348	74.7	69.2	5.5	66.5	·648	.77	77.0	80.0	,,	0·1					
11 ,,	.992	.379	74.5	68·1	6.4	64.8	·613	.73	76.5	79.9	,,	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are: ≀ cirri; ≀∩ cirro-cumuli; ∩ cumuli; ≀— cirro-strati; ∩— cumulo-strati; and ∩≀ nimbi.	
6	C	≀ scattered throughout; mist.	
5	B	≀ scattered throughout moving NE.	
5	B	≀ scattered throughout moving NE; haze.	
5	B	" "	
5	B	" "	
6	G	≀ and ≀∩ scattered throughout.	
6	G	" "	
2	G	≀ scattered round the hor.; ≀∩ in S.	
2	G	" "	
0	C	Clear.	
0	C	"	
0	C	"	
3	C	≀ scattered about.	Mean daily temperature of ground 20 and 60 inches below its surface 82°2 and 83°6. Temperature of evaporation at 5 P. M. was 76°4, greatest in the month; and at the same hour temperature of deduced dew-point was also greatest in the month; the former about 1°1 and the latter 7°9 greater than their respective normal means.
4	B	" "	
4	B	" "	
2	B	" "	
3	B	" "	
4	G	≀ and ≀∩ scattered around hor.	
5	G	≀ and ≀∩ scattered around hor.; mist.	
5	G	" "	
5	G	" "	
2	C	≀ scattered around hor.; mist.	
2	C	" "	
3	C	" "	
4	C	" "	
4	B	" "	
2	B	" "	
5	B	≀ and ≀∩ scattered about the sky.	
7	B	≀ and ≀∩ scattered throughout, ≀∩ moving NE; mist.	
7	G	" " "	
5	G	" " "	
3	G	≀∩ around hor.; ≀ about the zenith.	
6	G	≀∩ scattered throughout, moving NE.	
4	C	" "	
2	C	≀∩ scattered around hor.	
2	C	" "	
2	C	≀∩ scattered around hor.	Mean daily temperature of ground 20 and 60 inches below its surface 82°3 and 83°6.
1	B	" "	
0	B	Clear.	
0	B	"	
0	B	"	
0	G	A few ≀ in E hor.	
2	G	≀ and ≀∩ scattered around hor.	
2	G	≀ and ≀∩ scattered around hor.; mist in hor.	
4	G	" " "	
4	C	" " "	
5	C	" " "	
6	C	≀ scattered throughout; light mist.	
6	C	" "	
2	B	" "	
5	B	≀ scattered about; ≀∩ in the E; black mist in E hor.	
5	B	" " "	
5	B	" " "	
5	G	≀ scattered about the sky moving NE; ≀— in the S; black mist in E.	
5	G	≀ scattered about the sky moving NE; ≀∩ in SW.	
4	G	" "	
2	G	≀ scattered around hor.	
0	C	A few clouds in hor.	
0	C	Clear.	
0	C	"	

Bombay Civil Time. 1864.	Standard Barometer. Corrected to 32° Fahr.	Standard Barometer. Corrected for Moisture.	Thermometers. In the Air.	Thermometers. Wet Bulb Thermometer.	Thermometers. Depression of Wet Bulb below Thermometer in the Air.	Deduced Dew-Point.	Pressure of Moisture.	Humidity of Air.	Ground Thermometers. Thermometer 1 inch in the Ground.	Ground Thermometers. Thermometer 9 inches in the Ground.	Wind from Osler's Gauge. Direction.	Wind from Osler's Gauge. Pressure in lbs. per Square Foot.	Rain. By Newman's Gauge.	Electrical Instruments. Sign of Electricity + or −.	Electrical Instruments. Readings of Straws of Volta 1.	Electrical Instruments. Readings of Straws of Volta 2.	Electrical Instruments. Interval of Time in recovering the same degree of tension after discharge.
	in.	in.					in.					lbs.	in.		Sc. div.	Sc. div.	m. s.
Dec. 30th-Midnight	29.983	29.369	74°1	68°0	6°1	64°8	0.614	0.74	76°2	79°8	NNW	0.1					
1 a. m.	.976	.431	73.0	65.5	7.5	61.2	.545	.68	75.0	79.6	,,	0.0					
2 ,,	.961	.484	72.2	63.0	9.2	57.2	.477	.61	74.1	79.4	,,	0.0					
3 ,,	.951	.457	72.0	63.5	8.5	58.3	.494	.64	74.1	79.3	,,	0.0					
4 ,,	.952	.454	73.0	64.0	9.0	58.5	.498	.62	74.4	79.2	,,	0.2					
5 ,,	.963	.456	73.6	64.5	9.1	59.0	.507	.62	75.0	79.1	N b W	0.3					
6 ,,	.969	.355	72.6	67.5	5.1	64.8	.614	.77	74.4	79.0	,,	0.2					
7 ,,	.993	.400	73.0	67.0	6.0	63.8	.593	.74	74.5	78.9	,,	0.1					
8 ,,	30.018	.412	74.8	68.0	6.8	64.4	.606	.72	75.0	78.8	N	0.2					
9 ,,	.037	.448	76.4	68.0	8.4	63.5	.589	.66	76.1	78.8	,,	0.1	None.	None.	None.	None.	None.
10 ,,	.033	.431	78.2	69.0	9.2	64.2	.602	.64	77.3	78.9	,,	0.1					
11 ,,	.003	.423	80.2	69.0	11.2	63.1	.580	.58	78.7	79.0	,,	0.1					
Noon.	29.980	.461	83.2	68.2	15.0	59.7	.519	.47	80.1	79.1	,,	0.1					
1 p. m.	.947	.396	84.3	69.5	14.8	61.5	.551	.48	81.3	79.3	NW b W	0.2					
2 ,,	.934	.341	85.2	71.0	14.2	63.8	.593	.50	81.8	79.4	,,	0.2					
3 ,,	.934	.323	84.2	71.2	13.0	64.7	.611	.50	81.6	79.6	WNW	0.2					
4 ,,	.935	.283	83.2	72.0	11.2	66.6	.652	.59	81.5	79.6	,,	0.2					
5 ,,	.945	.214	79.4	73.0	6.4	70.2	.731	.74	80.2	79.7	,,	0.2					
6 ,,	.949	.195	78.6	73.4	5.2	71.1	.754	.79	79.4	79.8	NW b W	0.1					
7 ,,	.959	.220	78.3	72.9	5.4	70.5	.739	.78	78.7	79.8	,,	0.1					
8 ,,	.973	.253	77.0	72.0	5.0	69.7	.720	.79	78.0	79.8	,,	0.2					
9 ,,	.982	.241	76.1	72.1	4.0	70.6	.741	.83	76.6	79.7	,,	0.2					
10 ,,	30.002	.467	72.8	67.0	5.8	63.9	.595	.75	75.4	79.6	,,	0.2					
11 ,,	29.980	.400	71.8	66.2	5.6	63.1	.580	.76	74.4	79.4	,,	0.1					
Dec. 31st-Midnight	.978	.294	72.6	69.6	3.0	68.1	.684	.87	74.6	79.4	NW b W	0.1					
1 a. m.	.962	.309	73.5	69.0	4.5	66.7	.653	.81	74.9	79.2	NW b N	0.1					
2 ,,	.954	.342	74.3	68.0	6.3	64.8	.612	.73	75.3	79.1	N b W	0.2					
3 ,,	.946	.348	74.0	67.5	6.5	64.0	.598	.72	75.1	79.0	NE b E	0.0					
4 ,,	.946	.331	74.0	68.0	6.0	64.9	.615	.74	75.1	79.0	,,	0.1					
5 ,,	.951	.323	73.8	68.2	5.6	65.3	.623	.76	75.0	79.0	,,	0.2					
6 ,,	.967	.341	73.0	68.0	5.0	65.4	.626	.78	74.4	78.9	,,	0.3					
7 ,,	.993	.407	73.6	67.0	6.6	63.4	.586	.72	74.0	78.8	,,	0.2					
8 ,,	30.021	.433	75.5	67.7	7.8	63.5	.588	.68	75.4	78.7	ENE	0.1					
9 ,,	.031	.440	76.2	68.0	8.2	63.7	.591	.67	76.0	78.7	,,	0.3					
10 ,,	.020	.433	79.0	68.8	10.2	63.4	.587	.61	77.8	78.9	,,	0.2	None.	None.	None.	None.	None.
11 ,,	.002	.415	81.0	69.5	11.5	63.4	.587	.57	79.0	79.0	,,	0.1					
Noon.	29.975	.404	82.5	69.5	13.0	62.6	.571	.53	79.7	79.2	,,	0.2					
1 p. m.	.951	.333	83.6	71.2	12.4	65.0	.618	.55	80.2	79.3	NW b W	0.2					
2 ,,	.943	.284	85.8	73.0	12.8	67.0	.659	.55	82.2	79.6	NW	0.1					
3 ,,	.936	.348	84.7	71.0	13.7	64.0	.598	.52	82.0	79.5	NW b W	0.1					
4 ,,	.937	.256	84.5	73.2	11.3	68.0	.681	.59	81.8	79.5	,,	0.2					
5 ,,	.953	.243	81.3	73.0	8.3	69.3	.710	.68	81.0	79.6	,,	0.2					
6 ,,	.966	.275	79.0	71.8	7.2	68.4	.691	.71	79.5	79.5	NW	0.2					
7 ,,	.976	.294	77.8	71.2	6.6	68.0	.682	.73	78.5	79.5	,,	0.2					
8 ,,	.982	.285	77.5	71.5	6.0	68.7	.697	.76	78.2	79.5	NW b N	0.2					
9 ,,	.984	.279	76.8	71.5	5.3	69.0	.705	.78	77.5	79.4	,,	0.1					
10 ,,	.977	.329	74.0	69.0	5.0	66.5	.648	.78	76.0	79.4	NNW	0.1					
11 ,,	.964	.318	74.2	69.0	5.2	66.4	.646	.78	76.0	79.4	N b W	0.1					

Amount of Clouds 0—8.	Observers.	State of the Weather.	Remarks.
		Note.—In recording these Observations, the Symbols used to denote the clouds are ; ≀ cirri ; ≀≀ cirro-cumuli; ∩ cumuli; ⌣ cirro-strati; ∩⌣ cumulo-strati; and ≀≀ nimbi.	
0	C	Clear.	Mean daily temperature of ground 20 and 60 inches below its surface 82°4 and 83°7.
0	B	,,	
0	B	,,	
0	B	,,	
1	B	≀ in the E and SE.	
3	G	≀ scattered around hor.	
6	G	≀ scattered throughout moving E.	
7	G	≀ and ≀≀ scattered throughout; mist in hor.	
7	G	,, ,, ,,	
8	C	≀ scattered throughout; ≀≀ in the NE; mist.	
8	C	,, ,, ,,	
7	C	,, ,, ,,	
7	C	,, ,, ,,	
7	B	Lightly overcast with ≀ moving NE.	
8	B	,, ,, ,,	
8	B	,, ,, ,,	
8	B	,, ,, ,,	
7	G	,, ,, ,,	
7	G	,, ,, ,,	
6	G	,, ,, ,,	
5	G	,, ,, ,,	
4	G	Lightly overcast with ≀ moving NE; slight dew.	
4	K	,, ,, ,,	
5	K	,, ,, ,,	
4	K	≀ scattered about the sky moving NE; slight dew.	Mean daily temperature of ground 20 and 60 inches below its surface 82°4 and 83°7.
3	B	,, ,, ,,	
3	B	D and L ≀ scattered around.	
3	B	,, ,,	
3	B	,, ,,	
5	G	,, ,,	
6	G	,, ,,	
6	G	D and L ≀ scattered around; mist in E and SE.	
6	G	,, ,, ,,	
5	B	D ≀ scattered throughout; mist in hor.	
3	B	,, ,, ,,	
2	B	≀ scattered around hor.; mist.	
0	B	A few ≀ in the E and SE.	
0	K	,, ,,	
0	K	≀ in the S; thin mist.	
2	K	,, ,,	
3	K	≀ scattered about the sky.	
4	B	≀ scattered throughout moving NE.	
3	B	≀ scattered around hor.	
2	B	,, ,,	
0	B	A few ≀ above the E hor.	
0	B	A few clouds in hor.	
0	B	,, ,,	
0	B	Clear.	

BOMBAY MAGNETICAL OBSERVATORY.

EXTRAORDINARY ELECTROMETER OBSERVATIONS.

1864.

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Date.	Bombay Mean Solar Time, or Limits of Time, 1864.	Sign of Electricity by Gold L. El.	Reading of Electrometers. Volta (1).	Volta (2).	Henly.	Time of Recovery after Discharge.	Ronald's Spark Measure. Time of Observation or Occurrence of Spark.	Length of Spark.	Corresponding frequency.	Time of maximum Tension.
			Scale.	Scale.	°	M. S.	H. M.	In.	Sp. Sec.	H. M.
7th June.	From 5h 6m A.M. to 5h 21m A.M.		Out of Scale.	Out of Scale.	6	Inst.	5.06	0.08	1 in 1	5.6
			"	"	5	"	.08	.06	2 in 3	
			"	"	3	"	.10	.05	"	
			"	"	2	"	.11	.03	"	
			"	"	2	"	.13		A Spark.	
			"	"	3	"	.15	0.02	1 in 3	
			"	"	2	"	.17	.02	1 in 2	
			"	"	2	"	.18	.02	2 in 5	
			"	"	2	"	.19	.01	A Spark.	
			"	"	2	"	.20		"	
			"	50	0	0.02	.21		"	
11th June.	From 6h 20m P.M. to 7h 28m P.M.		Out of Scale.	50	"	0.3	6.20			
			"	40	"	0.2	.25			
			"	50	"	0.3	.40			
			"	60	"	0.1	.45			
			"	30	"	0.4	.50			
			"	40	"	0.3	.55			
			"	60	"	0.1	.58		A Spark.	
			"	Out of Scale.	2	Inst.	7.00	0.03	1 in 1	
			"	"	4	"	.02	.03	A Spark.	
			"	"	6	"	.04	.07	1 in 1	
			"	"	6	"	.06	.08	2 in 3	
			"	"	8	"	.08	.11	1 in 1	
			"	"	9	"	.10	.12	3 in 1	7.10
			"	"	4	"	.12	.07	1 in 1	
			"	"	5	"	.14	.07	"	
			"	"	3	"	.18	.04	"	
			"	"	4	"	.20	.07	Many.	
			"	"	5	"	.22	.08	1 in 1	
			"	"	4	"	.23	.07	"	
			"	"	2	"	.25	.04	"	
			"	"	2	"	.27	.03	A Spark.	
	From 7h 30m P.M. to 8h 28m P.M.		Out of Scale.	25	0	0.7	7.28			
			"	Out of Scale.	4	Inst.	.30			
			"	"	3	"	.32			
			"	"	4	"	.34	0.07	Volley.	7.34
			"	"	2	"	.36	.04	1 in 1	
			"	"	4	"	.37	.07	2 in 3	
			"	"	3	"	.38	.05	"	
			"	"	2	"	.40	.03	A Spark.	
			"	"	4	"	.42	.06	1 in 1	7.42
			"	"	3	"	.43	.06	2 in 1	
			"	"	3	"	.44	.06	"	
			"	"	3	"	.45	.06	1 in 1	
			"	"	2	"	.46	.04	A Spark.	
			"	"	3	"	.47	.05	3 in 1	
			"	"	3	"	.48	.05	"	
			"	"	4	"	.49	.05	1 in 1	
			"	"	4	"	.50	.06	"	
			"	"	3	"	.52	.05	"	
			"	"	3	"	.54	.05	"	
			"	"	3	"	.56	.05	"	
			"	"	2	"	.58	.04	"	
			"	"	3	"	8.00	.05	1 in 1	
			"	"	5	"	.02	.07	3 in 1	8.2
			"	"	4	"	.04	.07	1 in 1	

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Barometer corrected to 32° Fahr.	Temperature of Air.	Wind. Direction.	Wind. Force in lbs.	Extent of Cloudy Sky.	Remarks.
in.	°		lbs.		
		SW b S	0.2	8	
29.574	81.2	,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	0.5	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		WNW	,,	,,	
		,,	,,	,,	
		N	0.5	8	
		NNE	0.4	,,	
.600	88.0	E	,,	,,	
		SE b E	,,	,,	
		E b N	,,	,,	
		SSE	,,	,,	
		S	,,	,,	
		SSW	,,	,,	
		WSW	,,	,,	
		,,	0.5	,,	
		SW	0.6	,,	
.563	79.0	W b S	0.5	,,	
		,,	,,	,,	
		WSW	,,	,,	
		SW	,,	,,	Flash of lightning with rolling thunder in SE.
		SSW	0.4	,,	Rain increased a little and electricity disappeared for a few seconds.
		,,	,,	,,	
		,,	,,	,,	Crackling thunder in W of zenith 5 sec. after vivid flash of lightning
		SW b S	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		SSW	,,	,,	Rolling thunder in SW of zenith 5 seconds after vivid flash of lightning.
		,,	,,	,,	
		S	,,	,,	
		,,	0.2	,,	Flash of lightning and thunder in SW.
		SSW	,,	,,	
		,,	,,	,,	
		SW b S	,,	,,	
		,,	,,	,,	Rain abated.
		,,	,,	,,	
		,,	,,	,,	Rain commenced again, loud peal of thunder in S of zenith 5 seconds after the flash of lightning was seen.
		SW	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		SW b S	,,	,,	
		,,	0.1	,,	
		,,	,,	,,	Rolling thunder in SE of zenith 3 seconds after the flash of lightning was observed.
		SSW	,,	,,	
		SW	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	

From 2 p. m. Cu extending towards zenith from N, NE, E and SE; dense Ci scattered about the zenith, and large masses of Cu moving from W to E; at about 5 p. m. the sky was nearly overcast with thick haze along eastern hor.; at 6 p. m. the sky was overcast with dense masses of Cu, whose motion was changed from easterly to southerly; distant thunder in N and NE; threatening appearance in NE; from 6h. 15m. wind blew for about 10m. with a force varying from 1 lb. to 3½ lbs. and veered in an hour from NW to SW by direct circular motion. At 6h. 20m. light rain began to fall, and lasted for 30m., again commenced at 6h. 54m. accompanied with lightning and crashing thunder in N, NE and E of zenith.

Ci, Cu and Cu in NE and E above hor; rest of the sky was overcast with Cu in two strata, the upper stratum moving westward and the lower stratum moving rapidly to NE; lightning and thunder about the zenith and in W and SW of it every minute; light rain from 5h. 2m. to 5h. 10m., during which time electrometer was affected constantly. After this drops of rain began to fall, and the instrument was affected only by turns, electricity disappearing with the flash of lightning for a few seconds.

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Date.	Bombay Mean Solar Time, or Limits of Time, 1864.	Sign of Electricity by Gold L. El.	Reading of Electrometers. Volta (1).	Volta (2).	Henly.	Time of Recovery after Discharge.	Ronald's Spark Measure. Time of Observation or Occurrence of Spark.	Length of Spark.	Corresponding frequency.	Time of maximum. Tension.
			Scale.	Scale.	°	M. S.	H. M.	In.	Sp. Sec.	
11TH JUNE.	From 7h 30m A.M. to 8h 28m P.M.		Out of Scale.	Out of Scale.	4	Inst.	.06	.06	2 in 1	
			,,	,,	4	,,	.07	.07	3 in 1	
			,,	,,	4	,,	.08	.07	2 in 1	
			,,	,,	3	,,	.14	.03	1 in 2	
			,,	,,	2	,,	.16	.02	1 in 3	
			,,	,,	2	,,	.20	.02	2 in 5	
			,,	50	,,	0.4	.25	,,	A Spark.	
			,,	25	,,	0.7	.28	,,	,,	
14TH JUNE	From 3h 48m A.M. to 4h 2m A.M.		Out of Scale.	Out of Scale.	6	Inst.	3.48	0.06	1 in 2	
			,,	,,	3	,,	.51	.04	1 in 3	
			,,	,,	4	,,	.53	.06	1 in 2	
			,,	,,	6	,,	.55	.08	1 in 1	
			,,	,,	8	,,	.57	.10	,,	
			,,	,,	10	,,	.58	.14	2 in 3	3.58
			,,	,,	8	,,	.59	.10	3 in 1	
			,,	,,	8	,,	4.00	.10	1 in 1	
			,,	,,	10	,,	.02	.12	2 in 1	
			,,	,,	0	,,	.03	,,	,,	
	From 4h 4m A. M. to 4h 13m A.M		,,	,,	6	Inst.	.04	.08	1 in 1	
			,,	,,	4	,,	.05	.07	2 in 3	
			,,	,,	8	,,	.07	.10	2 in 1	
			,,	,,	4	,,	.08	.06	1 in 1	
			,,	,,	10	,,	.10	,,	,,	
			,,	,,	6	,,	.11	.08	3 in 1	
			,,	,,	8	,,	.12	.11	4 in 1	
			,,	,,	7	,,	.13	.10	3 in 1	
			,,	,,	0	,,	.14	,,	,,	
			,,	,,	6	,,	.15	.08	2 in 1	
			,,	,,	8	,,	.16	.10	3 in 1	
			,,	,,	0	,,	.17	,,	,,	
			,,	,,	5	,,	.18	.07	1 in 1	
			,,	,,	0	,,	.19	,,	,,	
	From 4h 21m A.M. to 4h 41m A.M.		,,	,,	8	Inst.	.21	.10	3 in 1	
			,,	,,	8	,,	.22	.10	A Spark.	
			,,	,,	5	,,	.23	.07	1 in 1	
			,,	,,	8	,,	.26	.10	2 in 1	
			,,	,,	4	,,	.27	.05	A Spark.	
			,,	,,	10	,,	.28	.12	Volley.	4.28
			,,	,,	8	,,	.29	.10	1 in 1	
			,,	,,	8	,,	.31	.10	2 in 1	
			,,	,,	5	,,	4.32	.07	2 in 1	
			,,	,,	6	,,	.33	.08	,,	
			,,	,,	5	,,	.34	.07	1 in 1	
			,,	,,	4	,,	.35	.07	3 in 1	
			,,	,,	5	,,	.36	.06	A Spark.	
			,,	,,	6	,,	.37	.09	2 in 1	
			,,	,,	8	,,	.39	.10	,,	4.39
			,,	,,	6	,,	.40	.07	1 in 1	
			,,	,,	0	,,	.41	,,	,,	
			,,	,,	8	,,	.42	.10	3 in 1	
			,,	,,	0	,,	.43	,,	,,	
			,,	,,	6	,,	.44	.00	2 in 1	

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Barometer corrected to 32° Fahr.	Temperature of Air.	Wind. Direction.	Wind. Force in lbs.	Extent of Cloudy Sky.	Remarks.
			lbs.		
		W b S	0.1	8	
		,,	,,	,,	
29.570	79.4	WSW	,,	,,	
		SW	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	Rain ceased.
		,,	,,	,,	
		NW	0.2	8	Uniformly overcast with Nimbi, with no apparent motion; continuous lightning and thunder in N E; rather calm; slight rain.
		,,	,,	,,	
		,,	,,	,,	
		WNW	,,	,,	
		W b N	,,	,,	Rolling thunder with lightning in E.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	Electricity disappeared for a few seconds after the flash of lightning.
		,,	0.1	,,	
		,,	,,	,,	Rain increased a little.
		,,	,,	8	
		NW b W	,,	,,	
		NW	,,	,,	Crackling thunder in SE 4 seconds after the flash of lightning.
29.642	82.5	NW b N	,,	,,	
		,,	,,	,,	Instrument unaffected.
		,,	,,	,,	Flash of lightning with thunder in NE of zenith.
		N b W	,,	,,	
		,,	,,	,,	
		,,	,,	,,	Electricity disappeared for a few seconds after the flash of lightning.
		NNW	,,	,,	
		,,	,,	,,	
		Calm.	0.0	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	8	Thunder and lightning in zenith.
		,,	,,	,,	Raining.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	Flash of lightning in zenith.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	Rain abated.
		,,	,,	,,	
		,,	,,	,,	Flash of lightning and thunder in N of zenith.
		,,	,,	,,	
		,,	,,	,,	Frightful crashing thunder and lightning in W of zenith.
		,,	,,	,,	
		,,	,,	,,	Electricity disappeared at the flash of lightning.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Date.	Bombay Mean Solar Time, or Limits of Time, 1864.	Sign of Electricity by Gold L. El.	Reading of Electrometers. Volta (1).	Volta (2).	Henly.	Time of Recovery after Discharge.	Ronald's Spark Measure. Time of Observation or Occurrence of Spark.	Length of Spark.	Corresponding frequency.	Time of maximum Tension.
			Scale.	Scale.	°	M. S.	H. M.	In.	Sp. Sec.	
14TH JUNE.	From 4h 21m A.M. to 4h 41m A.M.		Out of Scale.	Out of Scale.	8	Inst.	4.46	0.10	1 in 1	
			,,	,,	0	,,	.47	,,	,,	
			,,	,,	5	,,	.48	.07	2 in 1	
			,,	,,	6	,,	.49	.08	1 in 1	
			,,	,,	0	,,	.50		,,	
	From 4h 51m A.M. to 5h 13m A.M.		,,	,,	4	,,	.51	0.07	5 in 2	
			,,	,,	8	,,	.52	.10	1 in 1	
			,,	,,	12	,,	.54	.15	3 in 1	4.54
			,,	,,	6	,,	.55	.07	A Spark.	
			,,	,,	8	,,	.57	.09	2 in 1	
			,,	,,	6	,,	.58	.08	3 in 1	
			,,	,,	6	,,	.59	.08	,,	
			,,	,,	5	,,	5.00	.07	1 in 1	
			,,	,,	3	,,	.02	.05	2 in 1	
			,,	,,	2	,,	.04	.04	1 in 2	
			,,	,,	2	,,	.06	.04	,,	
			,,	,,	2	,,	.07	.03	1 in 3	
			,,	,,	2	,,	.09	.04	1 in 4	
			,,	,,	2	,,	.11	.03	,,	
			,,	26	0	0.03	.13		A Spark.	
	From 5h 15m A.M. to 5h 25m A.M.		,,	,,	4	Inst.	.15	0.07	2 in 1	
			,,	,,	7	,,	.16	.09	,,	
			,,	,,	5	,,	.17	.07	1 in 1	
			,,	,,	7	,,	.18	.09	2 in 1	5.18
			,,	,,	6	,,	.19	.08	1 in 1	
			,,	,,	3	,,	.20	.06	A Spark.	
			,,	,,	2	,,	.21	.05	1 in 1	
			,,	,,	2	,,	.22	.05	,,	
			,,	,,	2	,,	.23	.05	1 in 2	
			,,	,,	1	,,	.24	.03	1 in 1	
			,,	50	0	0.2	.25	.02	A Spark.	
	From 9h 52m P.M. to 10h 25m P.M		,,	,,	6	Inst.	9.52	0.10	1 in 1	
			,,	,,	3	,,	.53	.05	,,	
			,,	,,	3	,,	.55	.05	1 in 2	
			,,	,,	2	,,	.56	.03	,,	
			,,	,,	2	,,	.58	.03	1 in 3	
			,,	70	0	0.5	10.00	.02	A Spark.	
			,,	Out of Scale.	3	Inst.	.02	.05	1 in 2	
			,,	,,	3	,,	.04	.06	1 in 1	
			,,	,,	6	,,	.06	.10	1 in 2	10.6
			,,	,,	3	,,	.10	.05	,,	
			,,	,,	2	,,	.20	.04	2 in 3	
			,,	,,	2	,,	.21	.04	1 in 2	
			,,	,,	2	,,	.22	.03	1 in 1	
			,,	,,	2	,,	.23	.02	1 in 3	
			,,	,,	2	,,	.24	.01	A Spark.	
			,,	80	0	0.2	.25		,,	
	From 10h 40m P.M. to 10h 59m P.M.		Out of Scale.	Out of Scale.	6	Inst.	.40	0.09	1 in 1	
			,,	,,	7	,,	.41	.10	,,	
			,,	,,	8	,,	.42	.10	2 in 1	
			,,	,,	8	,,	.43	.10	,,	

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Barometer corrected to 32° Fahr.	Temperature of Air.	Wind. Direction.	Wind. Force in lbs.	Extent of Cloudy Sky.	Remarks.
in.	°		lbs.		
		Calm.	0.0	8	Instrument was unaffected for a few seconds after the flash of lightning was seen.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	Flash of lightning in N, thunder in SW of zenith.
		,,	,,	,,	
		,,	,,	,,	
		NW b W	0.1	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
29.639	79.0	,,	,,	,,	Rain ceased.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		NW	0.3	,,	Breaking in SSE.
		,,	0.5	,,	
		,,	0.5	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	0.2	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
.645	81.5	,,	,,	,,	
		W	0.2	,,	Overcast; continuous lightning and thunder about the zenith; drops of rain falling.
		,,	,,	,,	
		NW	,,	,,	
		,,	,,	,,	
		N	0.4	,,	
		ENE	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
.705	84.1	E	,,	,,	
		,,	,,	,,	
		SE	,,	,,	
		,,	0.5	,,	
		S	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		SW b S	0.5	,,	Overcast; lightning and thunder about the zenith, light rain.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Date.	Bombay Mean Solar Time, or Limits of Time, 1864.	Sign of Electricity by Gold L. El.	Reading of Electrometers.			Time of Recovery after Discharge.	Ronald's Spark Measure.			Time of maximum Tension.
			Volta (1).	Volta (2).	Henly.		Time of Observation or Occurrence of Spark.	Length of Spark.	Corresponding frequency.	
			Scale.	Scale.	°	M. S.	H. M.	In.	Sp. Secs	H. M.
14th June.	From 10h 40m P.M. to 10h 59m P.M.		Out of Scale.	Out of Scale.	8	Inst.	0.44	0.10	1 in 1	
			,,	,,	10	,,	.45	.12	2 in 1	10.45
			,,	,,	8	,,	.47	.10	2 in 3	
			,,	,,	8	,,	.48	.10	1 in 1	
			,,	,,	8	,,	.49	.10	,,	
			,,	,,	7	,,	.50	.10	,,	
			,,	,,	6	,,	.51	.09	,,	
			,,	,,	8	,,	.52	.10	1 in 2	
			,,	,,	6	,,	.53	.08	2 in 3	
			,,	,,	6	,,	.54	.09	,,	
			,,	,,	5	,,	.55	.07	1 in 2	
			,,	,,	3	,,	.56	.05	,,	
			,,	,,	3	,,	.57	.05	,,	
			,,	,,	2	,,	.58	.02	,,	
			,,	40	0	0.6	.59		A Spark.	
20th June.	From 9h 4m A.M. to 9h 32m A.M.		Out of Scale.	Out of Scale.	3	Inst.	9.04	0.05	1 in 1	
			,,	,,	3	,,	.05	.04	1 in 3	
			,,	,,	4	,,	.06	.06	1 in 1	
			,,	,,	4	,,	.07	.05	1 in 2	
			,,	,,	3	,,	.08	.04	,,	
			,,	,,	3	,,	.09	.04	2 in 3	
			,,	,,	2	,,	.10	.04	,,	
			,,	,,	3	,,	.11	.05	1 in 1	
			,,	,,	2	,,	.12	.03	,,	
			,,	,,	3	,,	.13	.06	,,	
			,,	,,	4	,,	.14	.07	2 in 1	
			,,	,,	6	,,	.15	.08	1 in 1	9.15
			,,	,,	5	,,	.16	.07	1 in 2	
			,,	,,	4	,,	.17	.06	3 in 2	
			,,	,,	4	,,	.18	.07	2 in 3	
			,,	,,	3	,,	.22	.06	1 in 1	
			,,	,,	3	,,	.23	.06	1 in 1	
			,,	,,	3	,,	.25	.05	1 in 2	
			,,	,,	2	,,	.26	.05	1 in 3	
			,,	,,	2	,,	.27	.05	,,	
			,,	,,	2	,,	.28	.05	1 in 2	
			,,	,,	2	,,	.29	.05	,,	
			,,	,,	2	,,	.30	.04	1 in 3	
			,,	,,	1	,,	.31	.03	,,	
			,,	40	0	0.6	.32		A Spark.	
21st June.	From 7h 17m A.M. to 7h 25m A.M.		Out of Scale.	Out of Scale.	4	Inst.	7.17	0.06	1 in 2	
			,,	,,	5	,,	.18	.06	1 in 3	
			,,	,,	6	,,	.19	.08	1 in 1	7.19
			,,	,,	3	,,	.20	.05	1 in 2	
			,,	,,	3	,,	.21	.05	,,	
			,,	,,	2 to 4	,,	.22	.05	,,	
			,,	,,	2	,,	.23	.04	2 in 5	
			,,	70	0	,,	.24	.02	A Spark.	
			,,	50	0	0.2	.25		,,	

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Barometer corrected to 32° Fahr.	Temperature of Air.	Wind. Direction.	Wind. Force in lbs.	Extent of Cloudy Sky.	Remarks.
in.	°		lbs.		
		SW b S	0.5	8	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		SW	0.2	,,	
		,,	,,	,,	
		,,	,,	,,	
		SW b W	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		S	0.4	,,	
29.702	81.3	,,	,,	,,	
		W b N	0.3	8	Overcast with ∿ moving NE; raining lightly.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
29.742	78.2	WNW	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		NW	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	0.4	,,	
		,,	,,	,,	
		,,	,,	,,	
		NW b W	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		NW	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		NW b N	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	Rain abated.
		SW	0.3	8	Uniformly overcast; raining lightly.
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
		,,	,,	,,	
29.760	78.0	,,	,,	,,	

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Date.	Bombay Mean Solar Time, or Limits of Time, 1864.	Sign of Electricity by Gold L. El.	Reading of Electrometers. Volta (1).	Volta (2).	Henly.	Time of Recovery after Discharge.	Ronald's Spark Measure. Time of Observation or Occurrence of Spark.	Length of Spark.	Corresponding frequency.	Time of maximum Tension.
			Scale.	Scale.	°	M. S.	H. M.	In.	Sp. Sec.	H. M.
9TH Nov.	From 10h 30m P.M. to 10h 51m P.M.		Out of Scale.	25	0	0.2	10.30			
			,,	40	0	,,	.31			
			,,	50	0	,,	.33			
			,,	16	0	0.3	.35			
			,,	28	0	0.2	.37			
			,,	40	0	0.1	.39			
			,,	60.	0	Inst.	.42	0.01	A Spark.	
			,,	Out of Scale.	3	,,	.44	.05	1 in 3	
			,,	,,	2	,,	.46	.05	1 in 4	
			,,	,,	4	,,	.48	.06	1 in 2	10.48
			,,	,,	2	,,	.50	.03	A Spark.	
			,,	10	0	0.3	.51			
	From 10h 57m P.M. to 11h 3m P.M.		,,	Out of Scale.	3	Inst.	.57	.05	1 in 1	
			,,	,,	4	,,	.58	.06	2 in 1	
			,,	,,	4	,,	.59	.07	1 in 1	10.59
			,,	,,	3	,,	11.00	.05	1 in 2	
			,,	,,	3	,,	.01	.05	,,	
			,,	,,	2	,,	.02	.04	A Spark.	
			,,	,,	0	,,	.03			
	From 11h 5 m P.M. to 11h 38m P.M.		Out of Scale.	Out of Scale.	4	Inst.	.05	.07	1 in 1	
			,,	,,	1	,,	.06		A Spark.	
			,,	,,	4	,,	.08	.07	1 in 1	
			,,	,,	4	,,	.09	.06	,,	
			,,	,,	0	,,	.10			
			,,	,,	6	Inst.	.18	.10	2 in 1	
			,,	,,	8	,,	.20	.12	3 in 1	
			,,	,,	3	,,	.24	.05	1 in 1	
			,,	,,	6 to 10	,,	.26	.14	4 in 1	11.26
			,,	,,	8	,,	.27	.12	3 in 1	
			,,	,,	8	,,	.30	.10	,,	
			,,	,,	6	,,	.31	.08	2 in 1	
			,,	,,	6	,,	.33	.08	2 in 1	
			,,	,,	6	,,	.34	.08	,,	
			,,	,,	4	,,	.36	.06	1 in 1	
			10	10	0	0.2	.38			
9TH TO 10TH Nov.	From 9d. 11h 40m P.M. to 10d. 0h 13m A.M.		Out of Scale.	Out of Scale.	12	Inst.	11.40	.15	2 in 1	
			,,	,,	13	,,	.41	.17	Many.	
			,,	,,	10	,,	.42	.12	1 in 1	
			,,	,,	6	,,	.44	.10	,,	
			,,	,,	8	,,	.45	.12	3 in 1	
			,,	,,	12	,,	.47	.17	4 in 1	
			,,	,,	14	,,	.48	.18	Many.	11.48
			,,	,,	12	,,	.49	.15	2 in 1	
			,,	,,	10	,,	.51	.12	2 in 1	
			,,	,,	10	,,	.56	.12	1 in 1	
			,,	,,	8	,,	.57	.10	2 in 1	
			,,	,,	10	,,	.59	.12	2 in 1	
			,,	,,	10	,,	0.01	.11	1 in 1	
			,,	,,	8	,,	.03	.10	2 in 1	
			,,	,,	6	,,	.05	.09	1 in 1	
			,,	,,	6	,,	.07	.09	,,	
			,,	,,	4	,,	.09	.07	3 in 2	
			,,	,,	3	,,	.11	.05	1 in 2	
			,,	,,	3	,,	.13	.05	2 in 5	

EXTRAORDINARY ELECTROMETER OBSERVATIONS, 1864.

Barometer corrected to 32° Fahr.	Temperature of Air.	Wind. Direction.	Wind. Force in lbs.	Extent of Cloudy Sky.	Remarks.
in.	°		lbs.		
29.985	80.9	NE	0.5	5	Since 4 P. M. ⌒ and ⌒ were gathering in NE, N, and NW, and at sunset the northern half of the sky was covered with one dark ⌒; vivid flashes of lightning began to proceed from NE, N, and NW successively. Gloomy appearance in NW. At present the sky is nearly covered with ⌒ and ⌒; ⌒ slowly moving to S, and fragments of dark clouds moving N; distant thunder in NW heard occasionally.
		„	„	„	
		„	„	„	
		„	„	„	
		NE b E	„	„	
		„	1.0	6	
		„	1.0	„	
		NE	1.5	„	
		„	1.5	„	Continuous lightning and thunder in NW.
		„	1.5	„	
		ENE	1.2	„	
		„	1.2	„	
		„	1.0	7	Lightning and thunder in N.
		„	1.0	„	
		NE	0.5	„	
		„	0.5	„	
		„	0.5	„	
		„	0.3	„	
		„	„	„	Drops of rain began to fall.
.987	79.5	„	„	„	
		„	„	„	
		„	0.1	„	Lightning all round the E hor.; thunder in E of zenith.
		Calm.	0.0	„	
		„	0.0	„	
		NE	1.0	„	Cracking thunder with lightning in E of zenith.
		„	2.0	„	Rain with strong wind from E commenced.
		„	2.5	„	
		„	2.5	„	
		„	2.0	„	
		„	1.5	„	Cracking thunder with lightning in E.
		„	„	„	
		ESE	1.0	7	Overcast; a break in S and SW extending from hor. to zenith.
		SE	„	„	
		„	0.5	„	
		E	2.0	„	Strong wind recommenced from E.
		N	2.0	„	
		W	2.0	„	Rolling thunder about the zenith.
		S	1.5	„	
		E	„	„	
		NE	„	„	
		ENE	1.0	„	
		E	1.2	8	Shower of rain accompanied with strong wind.
		„	1.0	„	
		„	0.5	„	
		ESE	0.2	„	Rain and wind abated.
		„	„	„	
		„	„	„	
		„	„	„	
		„	„	„	
		„	„	„	
		„	„	„	
29.981	79.5	Calm.	0.0	„	Drops of rain began to fall.
		„	„	„	Rain ceased.
		„	„	„	

BOMBAY GOVERNMENT OBSERVATORY.

ABSTRACT OF THE RESULTS

OF

OBSERVATIONS OF MAGNETIC DECLINATION

AND OF THE

METEOROLOGICAL OBSERVATIONS.

1864.

BOMBAY MAGNETICAL OBSERVATIONS.

DECLINATION TABLES.

TABLE I.—*Mean Values of Absolute Easterly Declination for each day of Göttingen Mean Time, in Minutes of Arc.**

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	35'633	34'899	35'707	35'745	35'544	35'515	35'876	36'880	36'766		37'937	37'743
2		34.762	35.164		35.770	35.930		36.885	36.814	37'371	38.631	38.051
3	35.032	35.050	34.941	35.555	35.861	35.689	36.356	36.768		37.798	38.380	
4	35.441	34.844	35.518	35.273	35.976		36.290	36.541	36.646	37.528	38.025	38.031
5	35.007	35.324		35.193	35.921	35.244	36.199	35.931	36.994	37.580		37.931
6	34.779		35.596	35.590	35.598	35.872	35.944		36.899	37.566	37.998	37.620
7	34.836	34.927	35.367	35.400		37.076	35.970	36.283	37.177	37.082	37.865	37.802
8	34.870	34.976	35.005	35.318	35.327	36.642	36.107	36.529	36.914		37.717	38.309
9		35.313	35.069		35.621	36.627		36.930	37.131	37.131	37.564	38.306
10	35.046	35.656	36.159	34.763	35.158	36.396	36.287	36.743		37.661	38.071	
11	35.405	35.018	35.656	34.698	35.667		36.622	36.608	36.976	37.924	38.543	38.171
12	35.302	35.176		35.118	35.807	36.204	36.662	36.711	37.334	37.885		38.368
13	35.382		35.547	35.071	35.730	36.200	36.292		37.014		38.271	38.383
14	35.459	35.119	35.550	35.010		35.949	36.533		36.879	38.615	38.437	38.454
15	35.830	34.862	35.405	35.261	35.276	35.733	36.013	36.834	36.676		38.031	38.531
16		34.878	35.553		35.561	36.133			36.619	38.471	38.177	38.243
17	35.978	34.903	35.450	35.370	35.610	36.113	36.173	36.892	37.325	38.166	38.394	
18	35.313	35.128	35.448	35.524	35.110		36.536	36.731		38.180	38.403	38.320
19	35.416	34.756		35.541	35.064	36.019	37.768	36.997	37.245	38.700		38.112
20	34.590		35.464	35.024	35.973	36.342	37.259		37.540	38.466	37.992	38.054
21	35.178	34.910	35.252	35.441		36.019	37.018	36.711	37.555	38.469	38.223	38.363
22	35.304	35.003		34.878	36.093	35.861	37.516	36.831	37.554		38.380	38.147
23		35.234	35.181			36.919		36.691	37.419	38.519	38.210	38.480
24	35.161	35.339		35.607	35.878	36.588	36.736	36.397		38.328	38.100	
25	35.330	35.279	35.430	35.718	35.693		36.824	37.153	37.331	38.543	38.337	
26	35.478	34.829		35.438	35.604	36.062	36.354	36.731	37.422	38.560	38.589	38.457
27	35.578	35.114	35.301	35.698	35.907	36.053	36.787	36.605	37.122	38.289		38.143
28	35.467		34.955	35.940	35.962	35.970	36.053		37.580	38.223	38.020	38.197
29	35.250	35.814	35.564	35.518		35.816	36.690	36.565	37.691		37.721	37.880
30			35.401		35.804	36.225		36.285	37.443		38.208	38.400
31	34.790		35.324		35.672		36.467	36.616		38.114		
Monthly Means.	35.264	35.085	35.400	35.348	35.657	36.003	36.513	36.673	37.172	38.045	38.162	38.180

Mean of the Year = 36.458.

* The values given in this and the following Declination tables, being liable to error from changes in the torsion of the suspension thread of the Magnet, would more properly be called "reduced Scale-readings" of the Declination Magnetometer.

TABLE II.—*Mean Values of Absolute Easterly Declination in each Month for each hour of the day, and Mean Diurnal Variation of Declination for the whole year, in Minutes of Arc.*

Bombay Mean Time.	Göttingen Mean Time.	MONTHS, 1864. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Yearly Means.	Mean diurnal variation.
h. m.															
4 12	Noon.	35'383	35'030	35'394	34'972	35'254	35'320	36'056	37'018	37'917	38'503	38'260	38'617	36'477	+0.019
5 12	1	35.309	35.092	35.227	35.167	35.560	35.592	36.362	37.236	37.728	38.103	38.310	38.510	36.516	+ .058
6 12	2	35.336	34.912	35.107	34.975	35.626	35.552	36.387	36.900	37.314	38.013	38.308	38.474	36.409	- .049
7 12	3	35.539	35.061	35.200	34.892	35.325	35.366	36.162	36.456	37.152	38.083	38.349	38.424	36.334	- .124
8 12	4	35.571	35.106	35.296	35.024	35.259	35.379	36.083	36.295	37.136	38.119	38.312	38.380	36.330	- .128
9 12	5	35.506	35.152	35.321	35.236	35.410	35.666	36.211	36.457	37.212	38.120	38.355	38.468	36.426	- .032
10 11	6	35.478	35.159	35.343	35.472	35.589	35.856	36.360	36.522	37.182	38.226	38.370	38.597	36.513	+ .055
11 12	7	35.468	35.217	35.535	35.612	35.749	36.025	36.534	36.660	37.251	38.331	38.410	38.389	36.598	+ .140
12 12	8	35.441	35.397	35.620	35.797	35.821	36.228	36.694	36.768	37.217	38.343	38.495	38.460	36.690	+ .132
13 12	9	35.394	35.228	35.590	35.894	36.111	36.444	36.916	36.797	37.368	38.277	38.539	38.378	36.745	+ .287
14 12	10	35.289	35.189	35.521	35.949	36.069	36.571	37.083	36.957	37.334	38.205	38.387	38.232	36.732	+ .274
15 12	11	35.032	35.137	35.430	35.668	36.091	36.679	37.149	37.133	37.385	38.159	38.188	38.147	36.683	+ .225
16 12	12	34.943	34.909	35.392	35.474	36.073	36.718	37.185	37.225	37.454	37.954	37.945	37.870	36.595	+ .137
17 12	13	34.687	34.585	35.384	35.557	36.233	37.045	37.364	37.547	37.468	37.877	37.650	37.711	36.592	+ .134
18 12	14	34.569	34.465	35.713	36.150	37.138	38.133	38.153	38.824	38.577	38.123	37.531	37.402	37.065	+ .607
19 12	15	34.384	34.596	36.212	37.014	37.909	38.584	38.660	39.440	39.477	38.514	37.492	37.338	37.468	+1.010
20 12	16	34.936	35.148	36.715	37.447	37.962	38.567	38.494	38.913	39.173	38.826	37.917	37.799	37.658	+1.200
21 12	17	35.956	35.795	36.668	36.919	37.025	37.613	37.642	37.170	37.834	38.463	38.182	38.062	37.277	+0.819
22 12	18	36.130	35.875	36.029	35.691	35.496	35.891	36.380	35.563	36.299	37.811	38.080	37.821	36.422	- .036
23 12	19	35.526	35.318	34.901	34.308	34.328	34.582	35.152	34.439	34.944	37.051	37.663	37.527	35.478	- .980
0 12	20	35.099	34.841	34.006	33.515	33.625	33.794	34.721	33.952	34.242	36.655	37.840	37.780	35.006	-1.452
1 12	21	35.109	34.872	34.102	33.378	33.373	33.683	34.394	34.295	34.918	37.040	38.405	38.356	35.160	-1.298
2 12	22	35.064	34.891	34.701	33.789	33.995	34.101	34.737	35.293	36.034	37.803	38.455	38.770	35.636	- .822
3 12	23	35.180	35.058	35.203	34.448	34.750	34.690	35.424	36.303	37.331	38.475	38.439	38.804	36.175	- .283

TABLE III.—*Showing the Annual Mean Declination and the Annual Change of Declination, as deduced from the readings of the Large Declinometer, for the period from* 1845 *to* 1864.

Year.	Annual Mean Declination.	Annual Change of Declination.	Year.	Annual Mean Declination.	Annual Change of Declination.
	° ′ ″	′ ″		° ′ ″	′ ″
1845	0 13 3		1855	0 19 20	
1846	0 13 0	− 0 3	1856	0 18 55	− 0 25
1847	0 14 2	+ 1 2	1857	0 19 17	+ 0 22
1848	0 14 23	+ 0 21	1858	0 19 48	+ 0 31
1849	0 14 40	+ 0 17	1859	0 21 25	+ 1 37
1850	0 15 50	+ 1 10	1860	0 23 57	+ 2 32
1851	0 16 46	+ 0 56	1861	0 27 6	+ 3 9
1852	0 16 45	− 0 1	1862	0 30 31	+ 3 25
1853	0 18 8	+ 1 23	1863	0 33 57	+ 3 26
1854	0 18 5	− 0 3	1864	0 36 27	+ 2 30
		+ 1 15			

BOMABY METEOROLOGICAL OBSERVATIONS.

STANDARD BAROMETER.

TABLE IV.—*Mean Daily Height of Standard Barometer (No. 58), corrected for Temperature, for each day of Bombay Civil Time: also the Mean Monthly Height and its Variation from the Mean of the Year.*

Cistern of Barometer 37 feet above the Sea-level.

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1		29.979	29.851	29.903		29.691	29.692	29.707	29.725	29.887	29.871	29.964
2	29.892	30.025	.894	.903	29.841	.654	.694	.703	.735		.816	.928
3		.031	.911		.841	.602		.731	.732	.820	.838	.927
4	.910	.049	.897	.880	.884	.584	.693	.769		.810	.902	
5	.949	.054	.900	.837	.852		.673	.763	.735	.824	.943	.924
6	.965	.026		.814	.826	.588	.662	.735	.714	.853		.925
7	.988		.885	.810	.803	.608	.643		.716	.874	.913	.931
8	.983	29.977	.863	.794		.604	.607	.653	.744	.863	.880	.918
9	30.005	.958	.878	.775	.828	.575	.581	.687	.755		.904	.909
10		.951	.940		.812	.578		.690	.756	.856	.939	.919
11	29.941	.945	.930	.829	.822	.568	.684	.676		.863	.991	
12	.946	.970	.893	.819	.849		.672	.673	.822	.869	.988	.912
13	.940	.960		.802	.877	.615	.648	.674	.797	.860		.918
14	.931		.883	.765	.875	.658	.609		.773	.900	.949	.913
15	.945	.852	.879	.773		.696	.602	.738	.799	.907	.912	.887
16	.911	.849	.890	.757	.815	.710	.611	.768	.805		.914	.898
17		.861	.897		.818	.701			.807	.869	.917	.907
18	.923	.837	.874	.789	.837	.687	.609	.801	.821	.861	.928	
19	.905	.820	.875	.797	.838		.567	.808		.822	.911	.909
20	.915	.804		.786	.828	.700	.592	.804	.761	.767		.903
21	.961		.855	.784	.800	.743	.607		.814	.808	.917	.906
22	.980	.919	.880	.765		.765	.587	.806	.863	.879	.942	.915
23	.980	.907		.726	.830	.772	.618	.794	.861		.971	.930
24		.855	.869			.778		.798	.858	.903	.934	.993
25	.959	.814		.854	.778	.728	.722	.783		.921	.931	
26	.955	.839	.890	.914	.742		.769	.753	.875	.953	.920	
27	.947	.899		.885	.743	.715	.747	.732	.859	.910	.919	.981
28	.939	.883	.882	.871	.747	.731	.751	.744	.820	.884		.972
29	.931		.889	.846	.756	.742	.763		.820	.910	.989	.973
30	.923		.894	.864		.723	.766	.763	.870		.947	.973
31			.884		.739			.743				.971
Monthly Means.	29.945	29.923	29.887	29.821	29.815	29.674	29.660	29.742	29.794	29.867	29.920	29.931
Annual Variation.	+0.114	+0.092	+0.056	- 0.010	- 0.016	- 0.157	- 0.171	- 0.089	- 0.037	+0.036	+0.089	+0.100

	in.
Mean of Winter months (Jan. to March and Oct. to Dec.).....	29·912
Mean of Summer months (April to Sept.).....	29·751
Mean for the Year	29·831
The Greatest Monthly Mean (that of January)	29·945
The Least Monthly Mean (that of July)	29·660
Difference..	0.285

TABLE V.—*The Mean Diurnal Variation of the Height of Barometer for each Month and for the whole Year, or the Excess of the Mean Hourly Height above the respective Monthly and Annual Means.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Midnight.	- .003	+.006	+.009	+.004	+.004	+.008	+.006	+.004	+.005	+.006	- .001	+.006	+.004
1 A.M.	- .012	- .010	- .007	- .005	- .011	- .006	- .009	- .009	- .013	- .019	- .015	- .005	- .010
2 „	- .025	- .024	- .017	- .017	- .018	- .018	- .020	- .022	- .026	- .023	- .027	- .015	- .021
3 „	- .034	- .034	- .026	- .027	- .022	- .025	- .030	- .030	- .033	- .027	- .031	- .024	- .028
4 „	- .034	- .033	- .025	- .023	- .017	- .024	- .030	- .031	- .032	- .020	- .026	- .024	- .026
5 „	- .020	- .022	- .015	- .004	- .005	- .019	- .023	- .022	- .020	- .009	- .010	- .016	- .020
6 „	- .001	- .004	+.003	+.014	+.014	.000	- .006	- .007	- .004	+.016	+.013	- .001	+.003
7 „	+.026	+.023	+.027	+.036	+.034	+.016	+.009	+.012	+.017	+.037	+.036	+.025	+.025
8 „	+.051	+.046	+.050	+.055	+.047	+.028	+.023	+.028	+.037	+.055	+.056	+.049	+.044
9 „	+.069	+.066	+.063	+.059	+.057	+.042	+.029	+.035	+.052	+.062	+.068	+.068	+.056
10 „	+.071	+.069	+.060	+.055	+.056	+.043	+.031	+.039	+.052	+.058	+.061	+.065	+.055
11 „	+.054	+.053	+.047	+.044	+.045	+.035	+.029	+.034	+.042	+.037	+.038	+.042	+.042
Noon.	+.020	+.026	+.019	+.023	+.028	+.024	+.020	+.021	+.021	+.008	+.009	+.012	+.020
1 P.M.	- .013	- .005	- .012	- .006	+.001	+.008	+.011	+.002	- .006	- .013	- .027	- .021	- .006
2 „	- .035	- .033	- .036	- .023	- .020	- .012	- .003	- .014	- .026	- .036	- .048	- .041	- .027
3 „	- .047	- .050	- .052	- .046	- .041	- .031	- .015	- .025	- .040	- .049	- .057	- .051	- .042
4 „	- .047	- .051	- .053	- .053	- .053	- .040	- .022	- .033	- .045	- .051	- .051	- .050	- .045
5 „	- .039	- .044	- .045	- .052	- .047	- .038	- .024	- .026	- .038	- .041	- .036	- .041	- .039
6 „	- .027	- .034	- .035	- .038	- .038	- .027	- .016	- .015	- .023	- .029	- .022	- .029	- .027
7 „	- .008	- .014	- .016	-.023	- .026	- .012	- .006	- .005	- .008	- .009	- .003	- .008	- .015
8 „	+.011	+.004	+.003	-.006	- .012	- .001	+.005	+.007	+.008	+.011	+.015	+.006	+.005
9 „	+.020	+.020	+.022	+.005	+.004	+.014	+.014	+.019	+.027	+.019	+.025	+.020	+.018
10 „	+.018	+.022	+.021	+.013	+.014	+.020	+.020	+.023	+.029	+.017	+.023	+.021	+.021
11 „	+.010	+.015	+.019	+.008	+.009	+.016	+.014	+.016	+.021	+.010	+.015	+.013	+.014

In the Mean Diurnal Variation for the year —

A Minimum occurs .....at 3 A.M.
A Maximum.....at 9 A.M.
A Minimum .....at 4 P.M.
and A Maximum .....at 10 P.M.

TABLE VI.—*Mean Daily Temperature of the Air for each day of Bombay Civil Time; also the Mean Monthly Temperature and its variation from the Mean of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.
1		71°1	75°4	79°4		87°4	84°5	81°1	79°4	83°1	79°3	78°1
2	72°5	71.1	77.3	80.2	82°7	87.6	82.5	81.9	77.0		79.6	78.6
3		72.5	75.9		82.7	87.0		82.2	79.8	83.4	81.3	79.0
4	72.2	76.1	77.0	80.5	83.4	86.4	84.3	81.6		83.1	81.6	
5	71.1	77.1	80.3	80.0	82.8		85.0	80.8	81.8	83.1	80.7	79.3
6	71.4	76.3		81.0	82.5	86.8	84.8	81.6	81.0	82.5		79.5
7	72.7		80.4	80.1	82.5	85.7	84,3		79.3	82.0	82.2	79.8
8	73.8	76.2	79.0	79.4		85.6	83·2	81.0	81.4	82.2	82.5	80.7
9	73.3	76.8	77.8	79.5	82.9	87.3	78.8	81.2	82.4		82.8	80.6
10		75.5	77.3		82.8	86.5		80.7	81.9	82.6	82.3	79.6
11	73.2	76.4	76.2	79.7	83.5	86.3	81.0	80.5		82.3	82.4	
12	72.7	75.7	75.5	80.8	83.4		82.6	80.3	80.4	82.2	82.6	79.7
13	73.6	75.8		80.9	83.3	86.2	80·4	77.4	80.1	81.1		78.5
14	71.8		76.8	80.4	83.2	85.7	81.3		79.3	80.1	80.1	77.6
15	69.4	74.8	77.5	80.2		85.5	83.5	79·2	80.8	80.5	79.3	76.9
16	68.9	75.4	78.4	81.3	83.9	86.6	83.3	77.9	80.7		79.9	76.9
17		75.3	79.1		84.6	86.0			80.3	82.5	80.3	77.0
18	69.3	73.1	79.0	80.0	84.7	87.2	80.9	80.2	81.6	83.6	80.2	
19	70.0	74.8	78.0	80.3	84.5		81.2	81·1		82.9	80.0	76.3
20	70.9	77.0		81.0	84.4	81.1	80.6	81·2	81.3	82.4		76.8
21	71.5		79.2	81.8	84.1	79.0	81.0		80.2	82.0	81.5	77.7
22	71.0	77.5	78.1	81.6		82.0	79.7	81.7	80.9	82·1	80.8	76.9
23	69.5	75.7		82.5	84.3	79.5	81.0	81.2	81.5		81.7	77.0
24		74.1	78.1			79.0		81.7	81.5	81.3	81.8	78.7
25	69.2	73.1		84.7	85.0	79.5	81.2	81.8		80.0	80.4	
26	69.2	74.4	79.0	84.9	84.9		81.5	77.6	83.8	78·9	78.3	
27	70.6	75.3		84.2	85.8	81.6	81.4	77.5	84.0	79·8	78.3	78.5
28	71.5	73.8	78.3	83.3	86.2	81.7	81.8	79.7	83.3	82.6		79.0
29	71.6		79.0	83.2	87.0	83.4	81.6		84.8	82.0	78.3	77.9
30	72.0		79.0	83.7		83.8	82.1	76.8	84.4		78.5	77.0
31			79.3		87.6			79.8				77.6
Monthly Mean.	71.3	75.0	78.0	81.3	84.1	84.4	82.1	80.3	81.3	81.9	80.6	78.3
Annual Variation	- 8.6	- 4.9	- 1.9	+1.4	+4.2	+4.5	+2.2	+0.4	+1.4	+2.0	+0.7	- 1.6

Mean of months from January to April, November and December .. 77°4
Do. do. from May to October ..... 82·4

Mean for the Year ..... 79·9

The Greatest Monthly Mean (that of June) ..... 84·4
The Least do. (that of January) ..... 71·3

Difference ..... 13·1

TABLE VII.—*The Mean Diurnal Variation of Temperature of the Air for each Month and for the whole Year, or the Excess of the Mean Hourly Temperature above the respective Monthly and Annual Means.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Midnight.	- 3°5	- 3°2	- 3°2	- 2°9	- 3°0	- 1°8	- 2°6	- 1°5	- 2°1	- 3°0	- 3°2	- 4°1	- 2°8
1 A.M.	- 4.0	- 3.5	- 3.7	- 3.3	- 3.4	- 2.1	- 2.4	- 1.6	- 2.8	- 3.2	- 3.5	- 4.4	- 3.1
2 „	- 4.5	- 3.9	- 4.2	- 3.7	- 3.7	- 2.3	- 2.3	- 1.9	- 3.0	- 3.8	- 3.9	- 4.7	- 3.5
3 „	- 4.9	- 4.3	- 4.7	- 4.2	- 3.9	- 2.6	- 2.3	- 1.9	- 3.0	- 4.1	- 4.1	- 4.6	- 3.7
4 „	- 5.3	- 4.8	- 5.2	- 4.4	- 4.2	- 2.9	- 2.2	- 1.9	- 3.1	- 4.4	- 4.4	- 4.6	- 3.9
5 „	- 5.5	- 5.2	- 5.5	- 5.0	- 4.6	- 3.1	- 2.1	- 1.8	- 3.2	- 4.7	- 4.3	- 4.8	- 4.2
6 „	- 6.0	- 5.5	- 5.8	- 5.0	- 4.1	- 2.8	- 2.2	- 1.9	- 3.3	- 5.1	- 4.6	- 5.1	- 4.2
7 „	- 6.1	- 5.0	- 4.4	- 2.5	- 1.4	- 1.8	- 2.9	- 1.2	- 2.1	- 3.4	- 3.8	- 4.7	- 3.1
8 „	- 3.3	- 2.8	- 1.7	+0.1	+0.5	- 0.7	- 1.8	- 0.3	- 0.6	- 1.4	- 1.8	- 3.0	- 1.3
9 „	- 1.0	- 0.8	+0.6	+1.9	+1.7	+0.6	+0.7	+0.6	+0.6	+0.2	+0.2	- 0.7	+0.4
10 „	+1.3	+1.2	+2.4	+3.3	+2.9	+1.8	+1.5	+1.3	+1.6	+1.9	+2.1	+1.4	+1.9
11 „	+3.7	+3.3	+4.3	+4.4	+3.9	+2.5	+2.3	+2.6	+2.7	+3.3	+3.9	+3.4	+3.4
Noon.	+5.7	+5.5	+5.6	+4.9	+4.8	+3.2	+3.0	+2.9	+3.3	+4.9	+5.4	+5.6	+4.6
1 P.M.	+7.3	+7.0	+6.2	+5.5	+5.3	+3.9	+3.2	+3.3	+3.8	+6.1	+6.5	+7.8	+5.5
2 „	+8.1	+7.9	+6.7	+5.5	+5.6	+4.3	+2.8	+3.3	+4.4	+6.6	+6.6	+8.7	+5.9
3 „	+8.2	+7.7	+6.7	+6.4	+5.3	+4.1	+2.5	+2.7	+4.4	+6.6	+6.7	+8.4	+5.7
4 „	+7.5	+6.8	+5.8	+4.6	+4.7	+3.2	+2.0	+2.2	+4.0	+5.8	+5.6	+7.1	+4.9
5 „	+4.6	+4.7	+4.4	+3.2	+3.1	+2.2	+0.9	+1.1	+3.4	+3.8	+2.6	+3.8	+3.1
6 „	+2.2	+1.7	+1.6	+0.5	+0.6	+0.7	0.0	- 0.4	+1.1	+0.9	+1.0	+1.6	+0.9
7 „	+0.9	+0.2	+0.1	- 0.8	- 1.0	- 0.7	- 0.9	- 0.9	- 0.2	0.0	+0.1	+0.6	- 0.2
8 „	+0.1	- 0.6	- 0.6	- 1.4	- 1.6	- 1.0	- 1.0	- 0.9	- 0.8	- 0.6	- 0.5	- 0.4	- 0.8
9 „	- 0.8	- 1.4	- 1.2	- 1.8	- 2.1	- 1.3	- 1.0	- 1.1	- 1.2	- 1.5	- 1.2	- 1.4	- 1.4
10 „	- 1.9	- 2.2	- 1.8	- 2.1	- 2.4	- 1.6	- 1.2	- 1.4	- 1.7	- 2.1	- 2.4	- 2.7	- 2.0
11 „	- 2.8	- 2.8	- 2.3	- 2.4	- 2.7	- 1.9	- 1.5	- 1.4	- 2.0	- 2.8	- 3.0	- 3.5	- 2.5

Mean of the hours from 9 P.M. to 8 A.M..... 76°9
Ditto 9 A.M. to 8 P.M..... 82·8 } Difference = 5·9

Ditto 24 hours ..... 79·9

In the Mean Diurnal Variation for the year a Maximum occurs at 2 P.M. and a Minimum between 5 and 6 A.M.

TABLE VIII.—*Showing, for each Month, the Mean Temperature of the Ground and its Annual Variation, at the respective depths of* 1, 9, 20, *and* 60 *inches below the Surface.*

Month, 1864.	Depths.							
	1 Inch.		9 Inches.		20 Inches.		60 Inches.	
	Mean Temperature.	Excess over the Yearly Mean.	Mean Temperature.	Excess over the Yearly Mean.	Mean Temperature.	Excess over the Yearly Mean.	Mean Temperature.	Excess over the Yearly Mean.
January	71°5	− 8°2	73°8	− 6°9	79°0	− 4°2	82°1	− 1°5
February	74.8	− 4.9	75.8	− 4.9	79.3	− 3.9	81.2	− 2.4
March	77.8	− 1.9	78.2	− 2.5	81.1	− 2.1	81.8	− 1.8
April	80.7	+1.0	81.2	+0.5	83.2	0.0	82.9	− 0.7
May	83.4	+3.7	83.7	+3.0	85.2	+2.0	84.2	+0.6
June	84.1	+4.4	84.6	+3.9	86.2	+3.0	85.3	+1.7
July	82.0	+2.3	83.1	+2.4	85.2	+2.0	85.5	+1.9
August	80.3	+0.6	81.7	+1.0	83.9	+0.7	84.3	+0.7
September	81.1	+1.4	81.9	+1.2	83.5	+0.3	83.9	+0.3
October	81.7	+2.0	82.7	+2.0	84.7	+1.5	84.2	+0.6
November	80.4	+0.7	81.7	+1.0	84.1	+0.9	84.3	+0.7
December	78.3	− 1.4	79.9	− 0.8	82.8	− 0.4	83.8	+0.2

	Depths.			
	1 Inch.	9 Inches.	20 Inches.	60 Inches.
Mean of January to April, November and December	77°3	78°4	81°6	82°7
Do. of May to October	82.1	83.0	84.8	84.6
Do. of Year	79.7	80.7	83.2	83.6
Greatest Monthly Mean (that of June)	84.1	84.6	86.2	....
Ditto (that of July)	....	....	....	85.5
Least Monthly Mean (that of January)	71.5	73.8	79.0	....
Ditto (that of February)	....	....	....	81.2
Difference	12.6	10.8	7.2	4.3

TABLE IX.—*Showing, for each hour of Bombay Civil Time, the Mean Temperature of the Ground, one and nine inches respectively below the surface, and its Mean Diurnal Variation for the Year.*

Bombay Civil Time.	Depth.			
	1 Inch.		9 Inches.	
	Mean Temperature.	Excess over the mean of 24 hours.	Mean Temperature.	Excess over the mean of 24 hours.
	°	°	°	°
Midnight.	78.3	− 1.4	80.8	+0.1
1 A.M.	78.0	− 1.7	80.7	+0.0
2 „	77.7	− 2.0	80.6	− 0.1
3 „	77.5	− 2.2	80.5	− 0.2
4 „	77.3	− 2.4	80.5	− 0.2
5 „	77.0	− 2.7	80.4	− 0.3
6 „	76.8	− 2.9	80.3	− 0.4
7 „	77.3	− 2.4	80.2	− 0.5
8 „	78.2	− 1.5	80.2	− 0.5
9 „	79.2	− 0.5	80.3	− 0.4
10 „	80.2	+0.5	80.4	− 0.3
11 „	81.1	+1.4	80.5	− 0.2
Noon.	81.9	+2.2	80.6	− 0.1
1 P.M.	82.5	+2.8	80.7	− 0.0
2 „	82.9	+3.2	80.8	+0.1
3 „	83.0	+3.3	80.9	+0.2
4 „	82.7	+3.0	81.0	+0.3
5 „	82.0	+2.3	81.1	+0.4
6 „	81.0	+1.3	81.1	+0.4
7 „	80.3	+0.6	81.1	+0.4
8 „	79.8	+0.1	81.0	+0.3
9 „	79.4	− 0.3	81.0	+0.3
10 „	79.0	− 0.7	80.9	+0.2
11 „	78.6	− 1.1	80.9	+0.2

	Depth.	
	1 Inch.	9 Inches.
	°	°
Mean of hours from 10 P.M. to 9 A.M.	77.9	....
Ditto 10 A.M. to 9 P.M.	81.4	....
Ditto 1 A.M. to noon.	....	80.4
Ditto 1 P.M. to midnight	....	80.9
Ditto 24 hours	79.7	80.7
Maximum at 3 P.M.	83.0	....
Ditto 6 P.M.	....	81.1
Minimum at 6 A.M.	76.8	....
Ditto 8 A.M.	....	80.2
Difference	6.2	0.9

TABLE X.—*Mean Temperature of Evaporation for each day of Bombay Civil Time: also the Mean Monthly Temperature of Evaporation and its Variation from the Mean of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1		65°8	64°5	73°1		79°6	79°0	77°4	77°0	78°0	71°7	71°1
2	65°9	64.1	70.4	72.8	75°3	79.6	78.5	77.9	75.7		71.3	71.8
3		65.9	68.4		75.4	79.1		78.1	77.2	78.2	73.4	72.2
4	64.8	66.2	66.4	72.9	75·7	79.0	79.1	77.6		77.6	75.7	
5	62.8	66.8	68.2	73.2	75.8		78.9	77.1	78.2	77.9	75.8	70.9
6	62.0	66.5		72.9	76.1	79.6	78.5	77.5	77.6	76.1		69.3
7	61.9		72.7	73.7	75.7	79.3	78.5		76.7	77.2	76.6	69.2
8	62.4	65.7	71.3	73.2		79.4	78.6	77.4	77.2	77.3	77.8	70.2
9	62.4	67.5	71.1	73.9	75.0	79.9	76.9	77.3	77.4		76.6	71.4
10		67.4	68.1		75.9	79.7		77.2	77.3	76·5	75.3	69.5
11	63.0	69.4	68.3	74.1	77.1	79.3	78.1	77.2	*	75.3	75.1	
12	64.7	68.1	66.3	75.4	77.6		78.8	77.1	76.4	76.2	74.7	68.8
13	66.3	68.4		74.4	76.5	78.9	77.3	75.7	76·2	76.1		69.5
14	64·3		70.8	73.4	75.3	79.3	77.9		75.6	76.1	70.0	68.9
15	58.0	70.1	70.4	73.5		79.3	78.8	76.5	76.6	76.7	69.1	69.7
16	57.5	69.8	72.3	72.5	75.2	79.2	78.5	75.9	76.2		69.0	69.6
17		66.8	71.7		75.7	79.0			76.4	76.5	69.3	68.4
18	60.3	65.4	72.2	73.4	76.7	79.4	77.8	76·2	77.0	74.4	66.8	
19	62.1	67.3	70.4	73·9	78.0		78.1	77·6		74.3	66.1	69.9
20	64.5	70.3		74.0	78.0	77.9	77.7	77.0	77.2	74.7		69.9
21	64.0		71.4	74.7	77.6	76.2	77.3		76.7	75.7	73.4	69.3
22	64.2	70.5	70.6	74.4		77.9	77.4	77.3	76.9	76.5	75.0	68.6
23	63.4	68.0		74.2	78.2	76.7	77.9	77.0	76.7		75.1	68.2
24		62.2	70.7			76.0		77.1	76.6	75.0	74.8	70.0
25	58.8	59.4		77.9	77·7	76.9	77.6	76.7		72.3	72.1	
26	59.8	63.4	72.3	78.3	77.2		77.8	75.5	78.6	71.5	69.1	
27	62.8	66.6		77.9	78.3	79.0	77.8	75.3	77.2	72.9	68.6	69.9
28	65.3	63.3	71.5	76.9	78.0	78.6	77.7	76.7	77.2	74.3		71.5
29	65.2		71.1	77.0	78.7	79.1	77.8		79.7	74.0	72.4	69.7
30	63.9		72.1	76.6		78.6	78.0	75.4	79.9		71.5	68.6
31			73.7		79.0			77·0				69.8
Monthly Means.	62.8	66.6	70.3	74.5	76.8	78.7	78.1	76.9	77.1	75.6	72.5	69.8
Annual Variation.	—10.5	—6·7	—3.0	+ 1.2	+ 3.5	+ 5·4	+ 4.8	+ 3.6	+ 3·8	+ 2.3	- 0.8	- 3.5

Mean of months from January to April, November and December ..	69°4
Ditto from May to October	77.2
Mean of the Year	73.3
The Greatest Monthly Mean (that of June)	78.7
The Least Monthly Mean (that of January)	62.8
Difference	15.9

TABLE XI.—*The Mean Diurnal Variation of the Temperature of Evaporation for each Month, and for the whole Year, or the Excess of the Mean Hourly Temperature of Evaporation above the respective Monthly and Annual Means.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Midnight.	- 0°4	- 0°9	- 0°8	- 0°6	- 1°0	- 0°6	- 0°5	- 0°7	- 0°7	- 1°1	- 0°9	- 1°0	- 0°7
1 A.M.	- 1.1	- 1.0	- 1.7	- 1.0	- 0.9	- 0.8	- 0.4	- 0.6	- 1.6	- 0.6	- 1.0	- 1.5	- 1.0
2 „	- 2.1	- 1.3	- 1.8	- 1.1	- 0.8	- 0.8	- 0.6	- 0.5	- 1.6	- 0.9	- 1.4	- 2.2	- 1.2
3 „	- 3.1	- 1.5	- 1.8	- 1.3	- 1.0	- 1.1	- 0.5	- 0.6	- 1.7	- 1.2	- 1.6	- 2.3	- 1.5
4 „	- 3.1	- 1.9	- 1.8	- 1.5	- 1.2	- 1.3	- 0.7	- 0.5	- 1.4	- 1.3	- 1.8	- 2.4	- 1.5
5 „	- 3.7	- 2.1	- 2.0	- 2.1	- 1.6	- 1.2	- 0.7	- 0.5	- 1.2	- 1.7	- 1.7	- 2.6	- 1.7
6 „	- 4.2	- 2.4	- 2.2	- 2.2	- 1.3	- 1.2	- 0.6	- 0.6	- 1.0	- 2.3	- 1.7	- 2.7	- 1.8
7 „	- 4.2	- 2.1	- 2.1	- 1.3	- 0.5	- 0.7	- 0.5	- 0.3	- 0.6	- 1.4	- 1.2	- 2.8	- 1.4
8 „	- 2.8	- 1.4	- 1.5	- 0.4	- 0.1	- 0.2	0.0	+0.1	- 0.2	- 0.7	- 0.9	- 2.6	- 0.8
9 „	- 1.9	- 0.8	- 0.9	- 0.1	+0.1	+0.4	+0.3	+0.3	+0.3	- 0.4	- 0.3	- 1.5	- 0.4
10 „	- 0.6	+0.1	+0.1	+0.4	+0.5	+0.9	+0.5	+0.6	+0.9	+0.2	- 0.1	- 0.6	+0.3
11 „	+0.6	+0.3	+0.9	+1.1	+0.8	+1.0	+1.0	+1.3	+1.3	+0.5	+0.1	+0.1	+0.8
Noon.	+1.4	+1.0	+1.7	+1.6	+1.1	+1.3	+1.3	+1.4	+1.3	+1.2	+0.5	+0.6	+1.2
1 P.M.	+2.2	+1.4	+2.2	+2.1	+1.3	+1.5	+1.3	+1.4	+1.4	+1.8	+0.7	+1.0	+1.6
2 „	+3.0	+2.1	+2.3	+2.3	+1.7	+1.5	+1.2	+1.6	+1.6	+2.3	+1.4	+1.7	+1.9
3 „	+3.7	+2.7	+2.4	+2.1	+1.8	+1.4	+0.9	+1.4	+1.4	+2.5	+2.1	+2.6	+2.1
4 „	+4.0	+3.0	+2.0	+1.9	+1.7	+1.0	+0.7	+0.9	+1.1	+2.2	+2.1	+3.6	+2.0
5 „	+2.5	+2.4	+1.9	+1.2	+1.0	+0.9	+0.1	+0.1	+1.4	+1.2	+1.8	+3.4	+1.6
6 „	+3.0	+1.5	+1.5	+0.5	+0.3	+0.5	- 0.3	- 0.7	+0.6	+0.7	+1.8	+3.1	+1.1
7 „	+2.6	+1.1	+0.8	0.0	0.0	- 0.1	- 0.5	- 0.8	+0.3	+0.7	+1.4	+2.9	+0.7
8 „	+1.9	+0.7	+0.6	- 0.1	- 0.1	- 0.3	- 0.5	- 0.7	- 0.1	+0.6	+1.2	+2.5	+0.5
9 „	+1.2	0.0	+0.2	- 0.3	- 0.4	- 0.4	- 0.4	- 0.9	- 0.3	- 0.3	+0.7	+1.6	+0.1
10 „	+0.4	- 0.5	0.0	- 0.5	- 0.5	- 0.5	- 0.5	- 0.8	- 0.6	- 1.0	- 0.3	+0.2	- 0.3
11 „	+0.2	- 0.7	- 0.2	- 0.8	- 0.6	- 0.6	- 0.6	- 0.8	- 0.7	- 1.3	- 0.7	- 0.8	- 0.6

In the Mean Diurnal Variation for the year—

A Maximum occurs at 3 P.M. and

A Minimum occurs at 6 A.M.

Mean of the hours from 10 P.M. to 9 A.M 72.2

Ditto from 10 A.M. to 9 P.M.. ..... 74.5

Ditto 24 hours 73.3

TABLE XII.—*Mean Temperature of Dew-point (Calculated) for each day of Bombay Civil Time; also the Mean Monthly Temperature of Dew-point and its Variation from the Mean of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1		62°9	58°1	70°2		76°8	77°0	76°0	76°1	76°1	68°2	67°3
2	62°3	60.0	67.1	69.3	73°0	76.7	77.0	76.3	75·2		67.4	68.7
3		62.4	64.5		72.3	76.1		76.5	76.2	76.2	70.0	69.1
4	60.5	60.7	60.5	69.5	72.7	76.2	77.3	76.0		75.5	73.3	
5	57.6	61.0	61.7	70.3	72.9		76.6	75.6	76.9	75.9	73.8	66.9
6	55.9	61.0		69.3	73.5	76.8	76.1	75.9	76.4	73.5		64.1
7	54.8		69.0	70.9	73.0	76.9	76.3		75.7	75.3	74.4	63.8
8	55.0	59.8	67.7	70.5		77.1	76.8	76.0	75.6	75.5	76.1	65.1
9	55.3	62.5	67.9	71.6	71.6	77.3	76.1	75.8	75.7		74.1	67.1
10		63.1	63.3		73.1	77.3		75.8	75.6	74.0	72.5	64.5
11	56.9	66.1	64.2	71.7	74.6	76.7	77.0	75.9		72.5	72.1	
12	60.0	64.2	61.4	73·3	75.3		77.4	75.9	74.8	73.8	71.3	63.2
13	62.2	64.9		71.6	73.8	76.3	76.1	75.1	74.6	74.0		64.9
14	59.8		67.9	70.3	72.0	77.0	76.5		74.1	74.5	65.0	64.4
15	49.4	67.8	66.9	70.5		77.1	77.0	75.5	75.0	75.2	63.7	66.3
16	48.8	67.1	69.5	68.4	71.5	76.4	76.7	75.1	74.4		63.2	66.1
17		62.1	68.1		72·0	76.4			75.0	74.1	63.8	63.9
18	54.3	61.0	64.5	70.4	73.5	76.6	76.6	76·1	75.2	70.4	59.0	
19	57.2	63.2	66.6	71.2	75.5		76.9	76.2		70.5	57.8	66.6
20	61.0	67.1		71.1	75.5	76.7	76.6	75.4	75.7	71.6		66.6
21	59.7		67.6	71.7	75.1	75.2	76.5		75.4	73.1	69.9	65.1
22	60.1	67.1	67.0	71.3		76.4	76.5	75.5	75.3	74.3	72.6	64.4
23	59.8	63.8		70.6	75.9	75.6	76.7	75.4	74.5		72.3	63.5
24		54.3	67.2			74.8		75.3	74.7	72.4	71.8	65.7
25	57.6	49.4		75.3	74.9	75.8	76.2	74.7		68.8	68.3	
26	53.4	56.6	69.3	75·8	74.2		76.5	74.6	76.7	68.1	64.4	
27	58.1	61.8		75.5	75.4	78.1	76.4	74.5	74.6	69.8	63.6	65.8
28	61.8	56.6	68.3	74.4	74·8	77.5	76.1	75.5	74.9	70.7		67.9
29	61.5		67.4	74.6	75.5	77.5	76.4		77.9	70.6	69.8	65.7
30	59.3		69.0	73·8		76.7	76.5	74·8	78.3		68.2	64.3
31			71.3		75.8			75.9				65.9
Monthly Means.	57.6	62.1	66.6	71.7	73.9	76.6	76.6	75.6	75.6	73.2	69.0	65.7
Annual Variation.	- 12.7	- 8.2	- 3·7	+ 1.4	+ 3.6	+ 6.3	+ 6.3	+ 5.3	+ 5.3	+ 2.9	- 1.3	- 4.6

Mean of Months from January to April, November and December	65°4
Ditto from May to October.....	75.3
Mean of the Year.....	70.3
The Greatest Monthly Mean (that of June or July)	76.6
The Least Monthly Mean (that of January).....	57.6
Difference.....	19.0

TABLE XIII.—*The Mean Diurnal Variation of the Temperature of the Dew-point for each Month and for the whole Year, or the Excess of the Mean Temperature of Dew-point above the respective Monthly and Annual Means.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Midnight.	+1°6	+0°4	+0°5	+0°4	- 0°2	- 0°1	- 0°2	- 0°4	- 0°2	- 0°3	+0°2	+0°4	+0°2
1 A.M.	+0.6	+0.4	- 0.8	0.0	+0.1	- 0.3	+0.2	- 0·2	- 1.3	+0.5	+0.1	- 0.3	0.0
2 „	- 0.8	+0.1	- 0.7	0.0	+0·3	- 0.4	- 0.1	0.0	- 1.1	+0.1	- 0·4	- 1.1	- 0.3
3 „	- 2.2	- 0.1	- 0.3	- 0.2	+0·1	- 0.6	- 0.1	- 0.2	- 1.2	0.0	- 0.6	- 1.4	- 0.5
4 „	- 2.1	- 0.5	- 0.3	- 0.3	0.0	- 0.7	- 0.3	0.0	- 0.8	- 0.1	- 0·6	- 1.6	- 0.6
5 „	- 2.9	- 0.6	- 0·5	- 1.0	- 0·5	- 0·6	- 0.3	0.0	- 0.5	- 0.6	- 0.6	- 1.8	- 0·8
6 „	- 3.6	- 0.7	- 0.6	- 1.1	- 0.2	- 0.6	- 0.2	- 0.1	- 0.2	- 1.2	- 0·5	- 1.8	- 0.9
7 „	- 3.5	- 0.6	- 1.2	- 0.9	- 0·2	- 0.4	- 0.2	0.0	0.0	- 0.6	- 0.1	- 2.2	- 0·8
8 „	- 3.0	- 0.7	- 1.8	- 0.6	- 0.3	0·0	+0.1	+0.2	- 0.1	- 0.5	- 0.5	- 2.8	- 0.8
9 „	- 2.9	- 0·9	- 1.8	- 1·0	- 0.6	+0.3	+0.2	+0·2	- 0.2	- 0·7	- 0.6	- 2.2	- 0·8
10 „	- 2.0	- 0.8	- 1.2	- 0.9	- 0.5	+0·6	+0.2	+0·3	+0·7	- 0.5	- 1.1	- 1.9	- 0.5
11 „	- 1.5	- 1.5	- 0.8	- 0.2	- 0.4	+0·6	+0.6	+0·9	+0·8	- 0.7	- 1.8	- 1·7	- 0.4
Noon	- 1.7	- 1.6	- 0·1	+0·3	- 0.3	+0·7	+0.8	+0·8	+0·6	- 0.4	- 1·9	- 2.2	- 0.4
1 P.M.	- 0·9	- 1.8	+0·4	+1.0	- 0.2	+0·7	+0.7	+0·8	+0·6	+0·1	- 2.1	- 2·3	- 0.2
2 „	+0.1	- 1.1	+0.4	+1.1	+0.2	+0·5	+0·5	+1.0	+0·6	+0·6	- 1.0	- 1·9	+0·1
3 „	+1.4	+0·1	+0·5	+1·0	+0·5	+0·5	+0.4	+0·9	+0·2	+0·9	+0·1	- 0·1	+0·6
4 „	+2.4	+1.3	+0.3	+0·9	+0·6	+0·2	+0·3	+0.4	- 0·1	+0·8	+0·7	+2·2	+0·9
5 „	+3.3	+1.4	+0·9	+0·4	+0·2	+0·4	- 0·1	- 0.4	+0·6	+0·2	+1·6	+3·6	+1·0
6 „	+4.0	+1.7	+1·5	+0·5	+0·2	+0·4	- 0.4	- 0·9	+0·5	+0·6	+2·4	+4·2	+1·3
7 „	+3.9	+1·7	+1·2	+0·4	+0·5	0.0	- 0·4	- 0·8	+0·4	+0·9	+2·2	+4·2	+1·2
8 „	+3.1	+1.4	+1·2	+0·4	+0·5	0.0	- 0·3	- 0·6	+0·2	+1·1	+2·1	+4·2	+1·2
9 „	+2.5	+0·9	+1·0	+0·1	+0·2	0.0	- 0·2	- 0·9	0.0	+0·2	+1·7	+3·2	+0·8
10 „	+1·8	+0·5	+1·1	+0·1	+0·3	- 0·1	- 0·2	- 0·6	- 0·2	- 0·6	+0·8	+1·7	+0·4
11 „	+1·4	+0·4	+0·8	- 0·3	+0·2	- 0·2	- 0·2	- 0·6	- 0·2	- 0·8	+0·4	+0·5	+0·2

In the Mean Diurnal Variation for the Year—

A Maximum occurs at 6 P. M.
A Minimum occurs at 6 A. M.

Mean of the hours from 2 A. M. to 1 P. M. .....69°7.
Ditto from 2 P. M. to 1 A. M. .....70·9.
Mean for 24 hours .....70·3.

TABLE XIV.—*In which are collected the individual Observations in each Month of the Year* 1864 *which showed the Greatest and the Least values of the following elements, viz: Height of Barometer corrected for Temperature; Temperature of Air; Temperature of Evaporation; and Temperature of Dew-point.*

Months, 1864.	Height of Barometer.			Temperature of Air.			Temperature of Evaporation.			Temperature of Dew-point.		
	Greatest.	Least.	Range.	Greatest.	Least.	Range.	Greatest.	Least.	Range.	Greatest.	Least.	Range.
	in.	in.	in.	°	°	°	°	°	°	°	°	°
January ..	30.072	29.845	0.227	84.5	60.7	23.8	70.5	50.3	20.2	67.9	37.2	30.7
February ..	.142	.744	.398	88.8	64.7	24.1	75.0	50.8	24.2	71.6	34.7	36.9
March	.009	.796	.213	89.9	67.0	22.9	77.6	57.0	20.6	75.1	44.1	31.0
April.....	29.979	.653	.326	91.7	73.2	18.5	80.5	69.0	11.5	77.6	64.9	12.7
May	.948	.691	.257	93.9	78.0	15.9	81.0	73.0	8.0	77.5	69.5	8.0
June	.818	.486	.332	94.0	75.5	18.5	82.0	73.0	9.0	80.1	71.1	9.0
July.....	.808	.535	.273	90.4	77.0	13.4	81.2	75.0	6.2	79.1	73.3	5.8
August	.854	.620	.234	87.5	75.0	12.5	81.0	74.0	7.0	79.6	71.7	7.9
September..	.934	.659	.275	90.2	75.8	14.4	82.2	73.0	9.2	81.3	71.0	10.3
October....	30.036	.708	.328	93.1	73.0	20.1	82.0	66.0	16.0	79.5	61.0	8.5
November..	.067	.754	.313	92.0	70.4	21.6	79.0	61.0	18.0	77.8	48.2	9.6
December..	.069	.824	.245	90.9	69.8	21.1	76.4	62.5	13.9	73.9	54.7	19.2
Year..	30.142	29.486	0.656	94.0	60.7	33.3	82.2	50.3	31.9	80.1	34.7	45.4

TABLE XV.—*Mean Pressure of Vapour for each day of Bombay Civil Time, also the Mean Monthly Pressure of Vapour and its Variation from the Mean of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1		0.577	0.492	0.733		0.905	0.912	0.882	0.884	0.885	0.687	0.677
2	0.565	.524	.662	.712	0.800	.902	.911	.891	.859		.668	.697
3		.567	.608		.783	.885		.897	.887	.887	.727	.706
4	.532	.536	.533	.716	.791	.888	.919	.882		.809	.810	
5	.484	.542	.554	.734	.798		.900	.872	.908	.879	.822	.657
6	.457	.542		.710	.814	.909	.885	.878	.893	.815		.599
7	.440		.705	.748	.800	.908	.891		.873	.863	.838	.594
8	.443	.518	.675	.738		.914	.906	.881	.870	.867	.884	.620
9	.447	.569	.680	.765	.767	.919	.885	.875	.873		.830	.662
10		.581	.585		.803	.918		.877	.871	.828	.787	.607
11	.472	.640	.601	.768	.844	.902	.911	.879		.787	.779	
12	.523	.601	.549	.808	.862		.923	.879	.848	.823	.758	.582
13	.564	.609		.766	.822	.889	.885	.856	.844	.828		.616
14	.520		.682	.734	.777	.911	.897		.830	.841	.617	.606
15	.366	.677	.657	.740		.914	.911	.863	.854	.860	.592	.644
16	.359	.661	.715	.670	.763	.893	90 3	.856	.839		.583	.641
17		.561	.685		.777	.893			.853	.831	.591	.596
18	.432	.542	.708	.736	.813	.898	.898	.886	.860	.737	.507	
19	.477	.583	.652	.757	.867		.909	.888		.740	.487	.651
20	.541	.661		.750	.869	.902	.899	.865	.873	.765		.652
21	.518		.673	.768	.858	.859	.897		.864	.804	.724	.620
22	.525	.662	.659	.758		.892	.897	.869	.863	.836	.789	.605
23	.520	.593		.741	.879	.872	.901	.865	.849		.783	.589
24		.432	.663			.850		.863	.846	.786	.771	.633
25	.394	.366		.863	.852	.877	.888	.847		.699	.689	
26	.420	.467	.710	.875	.832		.895	.843	.903	.684	.606	
27	.491	.556		.868	.866	.942	.894	.839	.844	.723	.590	.634
28	.556	.468	.689	.838	.849	.926	.885	.868	.851	.745		.680
29	.551		.667	.843	.868	.926	.894		.937	.742	.722	.633
30	.511		.704	.821		.902	.898	.849	.948		.687	.604
31			.758		.876			.879				.636
Monthly Means.	0.484	0.561	0.651	0.768	0.825	0.900	0.900	0.871	0.870	0.805	0.705	0.632
Annual Variations.	- 0.264	- 0.187	- 0.097	+0.020	+0.077	+0.152	+0.152	+0.123	+0.122	+0.057	- 0.043	- 0.116

	in.
Mean of the months from January to April, November and December	0.634
Ditto from May to October	0.862
Mean of the Year	0.748
The Greatest Monthly Mean (that of June or July)	0.900
The Least Monthly Mean (that of January)	0.484
Difference	0.416

TABLE XVI.—*The Mean Diurnal Variation of the Pressure of Vapour for each Month and for the whole Year; or the Excess of the Mean Hourly Pressure above the respective Monthly and Annual Means.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Midnight.	+.026	+.008	+.010	+.011	- .006	- .005	- .007	- .011	- .004	- .007	+.004	+.009	+.002
1 A.M.	+.009	+.007	- .016	+.001	+.003	- .011	+.004	- .007	- .034	+.014	+.002	- .005	- .004
2 „	+ .013	+.002	- .014	.000	+.007	- .012	- .004	- .001	- .029	+.005	- .010	- .023	- .008
3 „	- .035	- .002	- .007	- .004	+.002	- .019	- .003	- .005	- .032	.000	- .014	- .029	- .013
4 „	- .034	- .008	- .006	- .007	.000	- .022	- .009	- .001	- .020	- .002	- .015	- .032	- .013
5 „	- .046	- .011	- .010	- .023	- .014	- .018	- .011	- .001	- .013	- .015	- .015	- .036	- .018
6 „	- .056	- .013	- .013	- .026	- .006	- .019	- .007	- .002	- .006	- .030	- .013	- .037	- .019
7 „	- .055	- .010	- .024	- .021	- .006	- .013	- .007	.000	.000	- .015	- .003	- .044	- .017
8 „	- .047	- .012	- .037	- .014	- .008	- .001	+.002	+.006	- .003	- .013	- .012	- .056	- .017
9 „	- .046	- .016	- .037	- .025	- .015	+.008	+.004	+.005	+.005	- .017	- .014	- .044	- .016
10 „	- .032	- .014	- .024	- .021	- .014	+.017	+.004	+.009	+.020	- .013	- .026	- .039	- .011
11 „	- .025	- .026	- .016	- .005	- .011	+.016	+.017	+.024	+.023	- .017	- .040	- .035	- .008
Noon.	- .027	- .028	- .003	+.007	- .007	+.020	+.021	+.023	+.018	- .009	- .043	- .044	- .006
1 P.M.	- .015	- .033	+.008	+.021	- .006	+.018	+.018	+.021	+.017	+.005	- .047	- .055	- .006
2 „	+.001	- .019	+.008	+.028	+.006	+.014	+.017	+.028	+.017	+.018	- .023	- .038	- .004
3 „	+.022	+.002	+.011	+.024	+.013	+.014	+.011	+.025	+.006	+.024	+.001	- .001	+.012
4 „	+.039	+.025	+.006	+.021	+.016	+.004	+.008	+.012	+.001	+.023	+.014	+.048	+.018
5 „	+.056	+.028	+.019	+.011	+.005	+.011	- .005	- .012	+.018	+.007	+.036	+.079	+.021
6 „	+.068	+.032	+.033	+.014	+.006	+.011	- .013	- .024	+.014	+.016	+.056	+.092	+.025
7 „	+.067	+.033	+.025	+.010	+.012	.000	- .012	- .022	+.013	+.025	+.050	+.093	+.024
8 „	+.052	+.028	+.026	+.011	+.013	- .002	- .011	- .018	+.005	+.031	+.049	+.092	+.023
9 „	+.041	+.017	+.021	+.003	+.006	- .002	- .007	- .024	+.006	+.006	+.038	+.069	+.014
10 „	+.030	+.010	+.024	+.004	+.007	- .005	- .008	- .016	- .004	- .016	+.016	+.037	+.006
11 „	+.022	+.008	+.017	- .006	+.004	- .007	- .008	- .017	- .006	- .020	+.008	+.010	.000

	in.
Mean of the hours from 2 A. M. to 1 P. M.....	0.735
Ditto 2 P. M. to 1 A. M.....	0.760
Mean of 24 hours.....	0.748

In the Mean Diurnal Variation for the Year—

A Maximum occurs at 6 P. M. and

A Minimum occurs at 6 A. M.

TABLE XVII.—*Mean Relative Humidity of the Air for each day of Bombay Civil Time: also the Monthly Mean Relative Humidity and its Variation from the Mean of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1		0.78	0.57	0.75		0.72	0.79	0.85	0.90	0.80	0.71	0.72
2	0.72	.71	.73	.71	0.74	.72	.85	.84	.98		.68	.73
3		.72	.70		.73	.71		.84	.93	.80	.71	.74
4	.69	.63	.58	.71	.72	.73	.81	.84		.79	.77	
5	.65	.61	.57	.74	.74		.77	.85	.86	.80	.81	.68
6	.61	.61		.69	.76	.74	.76	.83	.87	.76		.62
7	.56		.71	.75	.75	.76	.78		.90	.82	.78	.61
8	.55	.59	.70	.76		.77	.82	.85	.83	.81	.82	.61
9	.57	.64	.73	.78	.71	.74	.92	.84	.81		.76	.66
10		.68	.64		.74	.75		.86	.82	.77	.73	.62
11	.58	.72	.68	.78	.76	.75	.89	.87		.74	.73	
12	.67	.70	.64	.79	.78		.85	.87	.84	.77	.70	.60
13	.70	.70		.75	.75	.73	.88	.93	.84	.80		.66
14	.68		.75	.73	.71	.76	.86		.85	.84	.63	.66
15	.52	.80	.72	.74		.77	.82	.89	.83	.85	.62	.72
16	.51	.77	.76	.67	.68	.73	.82	.92	.82		.60	.72
17		.66	.71		.68	.74			.84	.78	.59	.66
18	.61	.68	.74	.74	.71	.72	.87	.88	.82	.67	.52	
19	.66	.69	.70	.76	.75		.87	.86		.69	.50	.75
20	.73	.73		.73	.76	.87	.88	.83	.84	.71		.72
21	.69		.70	.73	.76	.89	.87		.86	.76	.69	.67
22	.70	.72	.71	.72		.84	.90	.83	.84	.78	.77	.67
23	.73	.69		.69	.77	.89	.87	.84	.81		.75	.64
24		.53	.72			.88		.82	.81	.77	.73	.67
25	.55	.44		.75	.73	.89	.86	.80		.70	.69	
26	.59	.55	.74	.76	.72		.85	.91	.80	.71	.65	
27	.67	.65		.76	.73	.89	.86	.91	.75	.73	.63	.67
28	.73	.58	.73	.76	.70	.88	.84	.88	.77	.69		.70
29	.73		.70	.77	.71	.83	.85		.80	.70	.77	.68
30	.66		.73	.74		.80	.84	.94	.83		.72	.67
31			.78		.69			.89				.69
Monthly Means.	0.64	0.66	0.70	0.74	0.73	0.79	0.85	0.86	0.84	0.76	0.69	0.67
Annual Variation.	- .10	- 0.08	- 0.04	0.00	- 0.01	+0.05	+0.11	+0.12	+0.10	+0.02	- 0.05	- 0.07

Mean of the months from Jan. to April, Nov. and December ..... 0·68
Mean of the months from May to October ..... 0·80

Mean of the Year ..... 0·74

The Greatest Monthly Mean (that of August) ..... 0·86
The Least Monthly Mean (that of January)..... 0·64

Difference .... 0·22

TABLE XVIII.—*The Mean Diurnal Variation of Relative Humidity of the Air for each Month and for the whole Year, or the Excess of the Mean Relative Humidity above the respective Monthly and Annual Means.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Midnight.	+0.11	+0.07	+0.07	+0.08	+0.06	+0.03	+0.03	+0.03	+0.05	+0.06	+0.07	+0.10	+0.06
1 A.M.	+ .10	+ .08	+ .05	+ .08	+ .08	+ .04	+ .04	+ .04	+ .04	+ .09	+ .08	+ .09	+ .07
2 „	+ .08	+ .09	+ .07	+ .09	+ .09	+ .04	+ .04	+ .05	+ .05	+ .10	+ .08	+ .08	+ .07
3 „	+ .05	+ .09	+ .09	+ .09	+ .09	+ .04	+ .04	+ .05	+ .04	+ .10	+ .08	+ .07	+ .07
4 „	+ .06	+ .09	+ .11	+ .10	+ .10	+ .05	+ .03	+ .06	+ .06	+ .11	+ .08	+ .06	+ .08
5 „	+ .05	+ .10	+ .11	+ .10	+ .09	+ .06	+ .04	+ .05	+ .07	+ .10	+ .08	+ .06	+ .08
6 „	+ .04	+ .10	+ .12	+ .09	+ .09	+ .05	+ .03	+ .05	+ .09	+ .09	+ .09	+ .07	+ .08
7 „	+ .05	+ .09	+ .07	+ .03	+ .02	+ .03	+ .02	+ .04	+ .06	+ .07	+ .08	+ .05	+ .05
8 „	.00	+ .04	- .01	- .02	- .02	+ .01	.00	+ .02	+ .01	+ .02	+ .03	.00	+ .01
9 „	- .04	- .01	- .06	- .07	- .06	- .01	- .02	- .01	- .01	- .03	- .05	- .04	- .03
10 „	- .07	- .04	- .08	- .10	- .08	- .03	- .04	- .02	- .03	- .06	- .07	- .07	- .06
11 „	- .10	- .10	- .11	- .10	- .10	- .05	- .05	- .04	- .05	- .09	- .11	- .10	- .08
Noon.	- .14	- .14	- .12	- .10	- .11	- .06	- .06	- .05	- .07	- .12	- .14	- .15	- .10
1 P.M.	- .15	- .16	- .12	- .10	- .12	- .07	- .07	- .07	- .09	- .13	- .16	- .18	- .12
2 „	- .14	- .16	- .13	- .10	- .12	- .09	- .06	- .05	- .09	- .13	- .14	- .19	- .12
3 „	- .12	- .14	- .13	- .10	- .11	- .08	- .06	- .04	- .11	- .12	- .12	- .16	- .11
4 „	- .10	- .11	- .12	- .09	- .09	- .07	- .05	- .04	- .10	- .11	- .10	- .10	- .09
5 „	- .03	- .07	- .08	- .06	- .07	- .04	- .03	- .03	- .07	- .08	- .02	.00	- .05
6 „	+ .04	.00	- .01	.00	.00	- .01	- .01	- .01	+ .02	- .01	+ .03	+ .06	+ .01
7 „	+ .06	+ .03	+ .02	+ .03	+ .03	+ .01	+ .01	+ .01	+ .02	+ .02	+ .04	+ .08	+ .03
8 „	+ .07	+ .04	+ .03	+ .04	+ .04	+ .02	+ .01	+ .01	+ .02	+ .04	+ .06	+ .10	+ .04
9 „	+ .07	+ .05	+ .04	+ .04	+ .05	+ .02	+ .02	+ .01	+ .03	+ .04	+ .06	+ .10	+ .04
10 „	+ .08	+ .05	+ .06	+ .05	+ .06	+ .03	+ .02	+ .02	+ .04	+ .04	+ .07	+ .10	+ .05
11 „	+ .09	+ .07	+ .06	+ .05	+ .06	+ .04	+ .03	+ .03	+ .04	+ .04	+ .07	+ .09	+ .06

In the Mean Diurnal Variation for the Year—

A Maximum occurs ..... at 5 A.M.
A Minimum occurs ..... at 1 P.M.

Mean of the hours from 8 A.M. to 7 P.M. 0·68.
Ditto 8 P.M. to 7 A.M. 0·80.
Mean of 24 hours 0·74.

TABLE XIX.—*Mean Extent of Cloudy Sky (the whole sky being equal to 8 parts) for each Day of Bombay Civil Time; also the Mean Monthly Extent and its Variation from the Mean of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.
1		2.0		5.0		4.5	6.4	8.0	6.6	4.0	2.1	2.6
2		3.2		2.4	3.4	3.6	7.2	8.0	7.9		2.8	0.2
3		3.0			4.2	5.1		8.0	7.8	3.3	3.3	0.9
4	1.5		0.3	0.8	3.3	6.2	6.6	7.9		1.4	4.9	
5	0.1			0.7	2.3		5.9	8.0	6.8	1.9	5.8	0.8
6				0.3	3.2	7.5	6.6	8.0	7.0	2.2		1.7
7			0.5	0.4	3.0	6.8	7.7		7.3	0.5	0.9	5.7
8			4.0	0.9		6.8	8.0	7.7	6.3	0.9	4.2	4.4
9		3.3	3.4	2.2	2.7	6.1	8.0	7.8	6.1		5.5	2.8
10		5.1	0.3		1.9	7.1		8.0	7.3	2.3	6.1	5.2
11			1.8	3.5	2.7	6.5	8.0	8.0		1.6	7.4	
12	0.8	1.1	1.0	3.9	4.9		7.5	8.0	7.4	3.0	4.7	1.5
13	0.3			3.1	4.4	6.2	8.0	8.0	7.5	0.8		0.4
14			1.1	1.2	2.2	7.4	8.0		7.1	5.0	1.0	
15	0.2	1.5	2.8	0.1		7.1	7.6	8.0	5.9	3.1	1.0	
16	0.2	3.6	2.9		4.3	6.5	8.0	8.0	5.8			
17		1.7			3.5	6.3			5.5	1.8	3.0	3.0
18		2.0	1.9	0.7	2.4	5.1	8.0	7.1	5.5	2.3	2.1	
19	0.1	2.0	2.5	2.6	2.9		8.0	7.0		2.4	3.6	2.8
20		1.6		3.4	3.8	7.9	8.0	7.6	8.0	4.3		4.2
21			1.6	0.2	2.5	7.6	8.0		7.3	4.3	4.9	0.3
22	0.5	3.6	2.3			7.6	8.0	6.0	5.5	4.1	6.6	
23	3.9	0.9		0.3	6.7	7.9	8.0	6.5	4.4		3.4	0.3
24			6.2			8.0		6.6	4.4	1.4	1.4	
25				5.2	3.0	8.0	8.0	4.5		1.9	0.2	
26			5.0	4.3	3.8		8.0	7.9	5.4	3.3	1.0	
27	0.1			4.9	3.9	8.0	8.0	8.0	2.1	3.1	0.4	3.2
28	0.1	1.9	4.7	3.3	3.3	8.0	7.9	7.8	5.9	2.8		3.7
29	0.1		3.9	3.7	5.4	7.7	7.6		4.4	1.4	7.2	2.7
30			4.4	3.8		6.8	7.1	8.0	3.6		6.5	5.1
31			5.1		3.7			7.7				2.6
Monthly Mean.	0.3	1.4	2.2	2.2	3.5	6.8	7.6	7.5	6.1	2.5	3.5	2.1
Annual Variation	- 3.5	- 2.4	- 1.6	- 1.6	- 0.3	+3.0	+3.8	+3.7	+2.3	- 1.3	- 0.3	- 1.7

Mean of the months from January to April, November and December	1.9
Do. do. from May to October	5.7
Mean of the Year	3.8
The Greatest Monthly Mean (that of July)	7.6
The Least Monthly Mean (that of January)	0.3
Difference	7.3

TABLE XX.—*Mean Extent of Cloudy Sky (the whole sky being equal to 8 parts) in each Month for each Hour of Bombay Civil Time.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	Febrtiary.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Midnight.	0.0	0.5	1.1	2.9	2.8	7.1	7.5	7.4	6.4	2.4	3.0	1.4	3.5
1 A.M	.1	1.2	1.3	2.8	3.7	6.7	7.5	7.7	5.6	3.0	2.7	1.2	3.6
2 ,,	.1	1.2	1.7	2.9	4.4	6.8	7.3	7.7	5.9	3.3	2.7	1.2	3.8
3 ,,	.1	1.7	1.6	2.9	4.7	6.7	7.5	7.8	6.0	3.0	2.7	1.0	3.8
4 ,,	.2	1.7	1.5	2.9	4.3	6.5	7.5	7.7	5.8	2.9	2.7	1.0	3.7
5 ,,	.3	1.9	1.7	3.2	4.1	7.2	7.8	7.9	6.0	3.5	2.8	1.3	4.0
6 ,,	.6	1.9	2.3	3.1	4.4	7.2	8.0	7.7	6.5	4.0	3.3	2.4	4.3
7 ,,	.7	2.2	2.8	2.3	4.4	7.3	7.9	7.7	6.6	3.6	3.7	2.7	4.3
8 ,,	.5	2.1	2.9	2.0	5.1	7.3	7.5	7.7	6.3	2.5	3.8	2.7	4.2
9 ,,	.6	1.8	2.4	2.3	3.4	7.1	7.5	7.4	5.9	2.1	3.2	2.4	3.8
10 ,,	.5	1.8	2.2	2.4	2.7	7.3	7.6	7.4	6.0	2.3	3.5	2.2	3.8
11 ,,	.6	1.7	2.0	2.4	2.4	6.9	7.7	7.4	6.2	2.6	3.7	2.2	3.8
Noon.	.4	1.6	2.2	2.0	2.0	6.7	7.8	7.4	6.3	2.5	3.7	2.5	3.8
1 P.M.	.4	1.4	2.3	1.8	2.9	6.0	7.8	7.5	6.4	2.7	3.8	2.3	3.8
2 ,,	.5	1.6	2.3	1.9	3.2	5.7	7.9	7.3	6.5	2.5	4.1	2.7	3.9
3 ,,	.4	1.5	2.4	1.8	3.5	5.7	7.7	7.5	6.5	2.3	4.2	2.8	3.9
4 ,,	.3	1.8	2.4	1.9	3.6	5.8	7.8	7.5	6.3	2.2	4.1	2.8	3.9
5 ,,	.3	1.5	3.1	1.2	3.4	6.5	7.8	7.7	6.1	1.9	4.6	2.9	4.0
6 ,,	.4	1.6	3.4	1.5	3.7	6.9	7.8	7.7	6.5	2.4	4.4	3.1	4.1
7 ,,	.2	0.9	3.2	1.8	3.8	6.9	7.8	7.6	5.8	1.8	3.5	2.3	3.8
8 ,,	.1	0.6	3.0	1.4	3.2	7.0	7.5	7.7	5.9	1.6	3.8	2.4	3.7
9 ,,	.1	0.6	2.2	1.4	2.4	6.8	7.4	7.2	5.7	1.4	3.1	1.3	3.3
10 ,,	.1	0.6	1.8	1.8	2.6	7.0	7.3	7.3	5.9	1.9	2.8	1.5	3.4
11 ,,	.1	0.6	1.6	2.3	2.9	7.1	7.8	7.4	5.9	2.2	3.2	1.7	3.6

From the numbers in the last column it appears that there is, on the average of the year, very little variation from hour to hour in the cloudiness of the sky, there being a slight excess from 5 to 8 a. m. and from 2 p. m. to 6 p. m., and a slight defect from 8 p. m. to 1 a m.

TABLE XXI.—*Total Fall of Rain (in Inches) as measured by Newman's Gauge placed 4½ feet above the ground, for each Day, and each Month of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
					in.	in.	in.	in.	in.		in.	
1						0·08	0.01	0.18	0.27			
2							.28		1.69			
3							.21	.01	0.20			
4								.05	.03			
5							.01	.11	.01			
6							·01	.04	.21			
7						·15		.09	.14			
8						·02	.24	.11	.04			
9						·02	3·44	.29				
10						·01	1.13	.04	.16		0.21	
11						·21	1.01	.06	·08			
12							0.84	.26	.90			
13							.50	1.36	.73			
14						.72	.82	1.58	.01			
15							.03	0.32				
16								.32	.17			
17						·03	.12	.27	.07			
18							.08	.43				
19							.39	.03				
20						2.49	.46	.05	.35			
21						1.64	.50	.03	.24		0.02	
22						0.30	1.30		.29		.01	
23					0·01	2·51	0.37	.64				
24						0·91	.12					
25						.75	.26					
26						3·56	.21	.54				
27						1.24	.39	1.77				
28						.75	.01					
29						·01	.11	0.65			.23	
30						·02	.03	.95				
31							.48	.04				
Total					0·01	15.42	13.36	10.72	5.59		0.47	
Number of Rainy Days in each month.					1	19	28	26	18		4	

Total Fall of Rain in the year ..... 45.57 in.

Total number of Rainy Days in the year 96

The greatest fall of Rain in one month (June)..... 15.42 in.

No rain fell in the months January to April, October and December, nor on any of the days left blank in the above table.

If the Gauge be assumed to have exposed the same extent of surface in 1864 as in May 1866, as is probable, these numbers should be multiplied by 0.977; the true Total Fall in the year then becomes 44.52 inches.

TABLE XXII.—*Total Fall of Rain, as measured by Newman's Gauge placed 4½ feet above the ground, in each Month and for the whole Year, for each hour of Bombay Civil Time.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
					in.	in.	in.	in.	in.		in.		in.
Midnight.						0.22	1.49	0.67	0.86				3.24
1 A.M.						.44	0.31	1.54	.27		0.06		3.12
2						.56	.20	0.46	.08		.01		1.31
3					0.01	1.14	.15	.28	.20		.08		1.86
4						1.03	.35	.04	.01		.02		1.45
5						0.83	.38	.03	.08				1.32
6						.54	.69	.65	.02		.03		1.93
7						1.82	.43	.25	.04		.03		2.57
8						1.31	1.10	.34	.76				3.51
9						0.91	0.63	.65	.53				2.72
10						1.72	.98	.21	.33				3.24
11						1.22	.47	.90	.48		.01		3.08
Noon.						0.54	.30	.74	.54				2.12
1 P.M.						.21	.56	.69	.42				1.88
2						.23	.50	.45	.05				1.23
3						.69	.87	.46	.24				2.26
4						.36	.54	.38					1.28
5						.35	.37	.43					1.15
6						.31	.25	.37	.04				0.97
7						.30	.38	.15	.11				0.94
8						.22	.17	.49	.28				1.16
9						.16	.44	.24	.09		.02		0.95
10						.16	.73	.02					0.91
11						.15	.57	.28	.16		.21		1.37

TABLE XXIII.—*Total Fall of Rain (in Inches) as measured by Osler's Gauge placed 26 feet above the ground, for each Day and each Month of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
						in.	in.	in.	in.		in.	
1						0.07	0.01	0.15	0.26			
2							.30		1.66			
3							.19	.01	0.13			
4								.03	.02			
5							.01	.08	.01			
6							.01	.02	.21			
7						.13		.05	.10			
8						.02	.26	.07	.03			
9						.02	3.44	.30				
10						.01	1.46	.03	.17		0.13	
11						.16	1.01	.05	.05			
12							0.87	.16	.79			
13							.51	1.14	.64			
14						.65	.83	1.35	.01			
15							.03	0.25				
16								.71	.15			
17						.01	.12	.21	.06			
18							.08	.38				
19							.38	.05				
20						2.53	.46	.03	.28			
21						1.57	.50	.03	.22		.02	
22						0.30	1.28		.28		.01	
23					0.01	2.57	0.36	.64				
24						0.92	.12					
25						.73	.25					
26						3.67	.20	.48				
27						1.24	.38	1.73				
28						0.76	.01					
29						.01	.09	0.53			.27	
30						.02	.02	.79				
31							.46	.02				
Total					0.01	15.39	13.64	9.29	5.07		0.43	
Number of Rainy days in each month.					1	19	28	26	18		4	

Total Fall of Rain in the year..... 43·83 in.
Total number of Rainy Days in the year..... 96
The greatest fall in one month (June)..... 15·39 in.

No rain was recorded in the months January to April, October and December, nor on any of the days left blank in the above table. If the Gauge be assumed to have exposed the same extent of surface in 1864 as in May 1866 these numbers should be multiplied by 0·983: the true Total Fall in the year then becomes 43.08 inches.

TABLE XXIV.—*Total Fall of Rain, as measured by Osler's Gauge placed 26 feet above the ground, in each Month and for the whole Year, for each hour of Bombay Civil Time.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
					in.	in.	in.	in.	in.		in.		in.
Midnight.						0.20	1.45	0.70	0.79				3.14
1 A.M.						.44	0.80	1.39	.24		0.06		2.93
2 „						.64	.20	0.39	.07		.04		1.34
3 „					0.01	1.11	.14	.47	.20		.09		2.02
4 „						1.07	.34	.31	.01		.01		1.74
5 „						0.70	.43	.26	.06		.01		1.46
6 „						.63	.78	.76	.02		.03		2.22
7 „						1.89	.44	.33	.04		.03		2.73
8 „						1.36	.22	.20	.64				3.42
9 „						0.94	.64	.38	.56				2.52
10 „						1.55	1.00	.47	.28				3.30
11 „						1.26	0.47	.81	.49		.01		3.04
Noon.						.54	.37	.12	.45				1.42
1 P.M.						.20	.56	.34	.37				1.47
2 „						.25	.51	.23	.05				1.04
3 „						.63	.91	.51	.23				2.28
4 „						.38	.49	.18	.02				1.07
5 „						.34	.41	.24	.00				0.99
6 „						.31	.28	.20	.04				0.83
7 „						.26	.40	.10	.11				0.87
8 „						.26	.15	.42	.25				1.08
9 „						.17	.42	.24	.05		.02		0.90
10 „						.12	.68	.03	.00				0.83
11 „						.14	.61	.21	.10		.13		1.19

TABLE XXV.—*Showing, for the year* 1864, *the Sums of the Pressures of the Winds which blew, in each Month, from each of the Eight Principal Directions with a recorded force greater than* 0·1 *lb. on the square foot; and also the number of Observations which those sums comprise, the latter numbers indicating the relative frequency of the same Wind (as to direction) in the Several Months and of different Winds during the same months.**

Months, 1864.	N.			NE.			E.			SE.		
	Sums of Pressures.	Number of Observations.	General Range of Hours.	Sums of Pressures.	Number of Observations.	General Range of Hours.	Sums of Pressures.	Number of Observations.	General Range of Hours.	Sums of Pressures.	Number of Observations.	General Range of Hours.
	lbs.	H.		lbs.	H.		lbs.	H.		lbs.	H.	
January	105·60	288·0	At all hours	35·85	116·0	At all hours except 5 to 10 P.M.	25·50	35·0	At 1 A.M. and from 4 to noon.	2·85	3·5	Single instances.
February	30·15	117·0	At all hours except from noon to 7 P.M.	12·75	65·5	From 1 A.M. to 1 P.M.	12·50	68·0	From 3 A.M. to noon	4·25	13·5	From 2 to 4 A.M. and from 7 to 10 A.M.
March	45·85	129·5	At all hours except 1, 2, and 6 P.M.	6·05	39·5	From 5 to 11 A. M.	3·80	24·0	From 6 to 11 A.M.	2·60	14·5	From 5 to 10 A.M.
April	43·30	127·5	At all hours except from 1 to 8 P.M.	10·55	41·0	From 3 to 10 A.M.	1·55	7·0	From 8 A.M. to 10 A.M.	0·30	1·0	Single instance.
May	14·75	53·0	From midnight to noon	1·10	6·5	From 7 to 9 A.M.	0·80	4·5	At 8, 9 and 10 A.M	0·10	0·5	.....
June	4·75	15·0	A few instances	1·20	6·5	Only 7 A.M.	1·90	7·5	A few instances	5·95	22·5	Single instances.
July	0·80	5·0	.....	..	..	.....	..	..	.....	..	..	.....
August	3·70	16·5	1 A. M. and 7 A. M. to noon and also 6, 7 and 8 P.M.	0·60	4·0	At 9 and 10 P.M.	1·60	11·0	At midnight and from 2 to 10 A.M.	0·85	4·0	Single instances.
September.	4·30	22·5	From midnight to 8 A.M. and 11 P.M.	5·15	31·0	1 A.M. and from 4 A.M. to noon.	5·30	22·0	From 1 to 11 A.M.	6·80	27·5	From 2 A.M. to noon.
October	26·90	115·5	At all hours except 9 A.M. and 2 to 4 P.M.	9·60	54·0	At midnight and from 3 A.M. to 1 P.M.	4·80	27·0	From 1 A.M. to 1 P.M except 4, 5 and 11 A.M.	5·40	21·5	From midnight to 1 P.M.
November.	15·15	82·0	Generally from 5 P.M. to midnight.	21·40	103·5	From midnight to noon and at 6 and 11 P.M.	22·40	94·0	At all hours except 1, 3, 4 A.M. and 1 and 11 P.M.	6·40	25·0	At 3 A.M. and 6 to 11 A.M.
December.	16·85	113·0	At all hours except 4 A.M. and 4 to 8 P.M.	20·90	119·0	From midnight to 2 P.M. and at 11 P.M.	12·35	65·0	From 3 A.M. to 3 P.M.	0·15	1·0	None of true SE.
Sums	312·10	1084·5		125·15	586·5		92·50	365·0		35·65	134·5	
Means	0·29			0·21			0·25			0·26		

* Every hourly observation of the Direction of the Wind was classed, by the rule given in the Introduction page xxxvi, with one or divided between two of the Eight Principal Directions.

TABLE XXV.—(*continued*).

Months, 1864.	S.			SW.			W.			NW.		
	Sums of Pressures.	Number of Observations.	General Range of Hours.	Sums of Pressures.	Number of Observations.	General Range of Hours.	Sums of Pressures.	Number of Observations.	General Range of Hours.	Sums of Pressures.	Number of Observations.	General Range of Hours.
	lbs.	H.		lbs.	H.		lbs.	H.		lbs.	H	
January..	..	..	.....	..	..	.....	0·95	3·0	None of true W.	61·65	132·0	At all hours except from 4 to 10 A.M. and 10 P.M.
February .	1·50	4·0	From 2 to 5 A.M.	0·80	2·5	Single instances	11·95	43·5	From 1 to 3 A.M. and from 11 A.M to 9 P.M.	88·60	206·0	At all hours except from 6 to 11 A.M.
March ..	3·80	20·0	At midnight and from 4 to 11 A.M.	3·10	12·5	„ „	17·40	57·5	At all hours except from 5 to 10 A.M. and 10, 11 P.M.	113·40	237·5	At all hours.
April	8·40	20·5	From midnight to noon ..	5·85	15·5	From 10 A.M. to 9 P.M. ..	23·20	66·0	At all hours but 5 to 9 A.M.	209·45	327·5	At all hours.
May	..	..	.....	8·60	29·0	From 8 A.M. to 11 P.M. excepting 9, 10 A.M. & 1 P.M.	52·90	174·0	At all hours	110·65	300·5	At all hours.
June	16·60	57·5	At all hours except 2, 3, 4, and 5 P.M.	52·90	151·5	At all hours	79·45	219·5	At all hours	64·15	134·0	At all hours.
July	0·85	3·5	Single instances.....	77·40	137·0	At all hours	271·90	404·0	At all hours	36·65	73·5	At all hours except 1, 5 A.M, noon and 6, 7 P.M.
August..	1·75	12·0	From 2 to 11 A.M. except 3 A.M.	131·90	294·5	At all hours	56·05	155·5	At all hours	25·75	101·5	At all hours.
September.	17·70	82·0	At all hours	16·75	92·5	At all hours	39·45	211·0	At all hours	18·95	77·5	At all hours except from 7 to 11 A.M.
October ..	2·25	16·5	From midnight to noon ..	0·95	5·0	Single instances.....	7·05	31·0	A few instances	58·75	180·5	At all hours except from 7 to 10 A.M.
November.	3·45	12·0	From 5 to 7 A.M.	1·00	7·5	At 1 P.M. and from 3 to 8 P.M.	3·05	21·0	From 1 to 5 P.M.	31·45	134·0	At midnight, 5, 6 A.M. and from 11 A.M to 11 P.M.
December.	..	..	.....	0.80	4·5	From 2 to 5 P.M.	11·80	50·5	From 1 to 6 P.M.	38·05	191·0	At all hours except 2, and from 8 to 11 A.M.
Sums	56·30	228·0		300·05	752·0		575·15	1436·5		857·50	2095·5	
Means. ..	0·25			0·40			0·40			0·41		

The Mean numbers at the foot of the table show the average strength of the wind when it blows from each different direction. It is seen that the winds from SW., W., and NW. are more than one-half stronger than those from NE., E., SE., and S., while N. winds have an intermediate force.

TABLE XXVI.—*Showing, for the Year* 1864, *the Sums of the Pressures of the Winds which blew at each hour of the day, from each of the Eight Principal Directions, with a recorded force greater than* 0·1 *lb. on the square foot.*

Bombay Civil Time.	N.	NE.	E.	SE.	S.	SW.	W.	NW.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Midnight.	13.95	4.65	1.60	1.45	2 20	13.05	18.85	23.05
1 A.M.	12.80	4.80	2.05	1.75	2.25	19.25	26.45	21.25
2 „	14.20	5.55	2.95	1.65	3.90	12,25	23.45	17.55
3 „	13.95	7.65	4.75	1.80	4.15	12.80	21.25	14.45
4 „	14.25	8.45	5.10	1.80	3.60	12.05	21.45	12.60
5 „	12.05	12.30	8.00	2.05	3.85	12,.20	21.35	9.50
6 „	12.05	11.10	9.15	1.85	3.85	11 25	15.95	8.30
7 „	12.10	13.00	8.15	3.15	3.20	8'75	15.80	8.20
8 „	10.95	13.95	10.55	4.00	3.85	8'70	19.90	8.60
9 „	9.40	12.95	10.90	4.45	3.95	9'10	17.80	8.30
10 „	9.90	9.95	9.65	4.10	3.60	9'20	16.95	10.80
11 „	10.55	6.55	6.75	2.90	3.75	9'60	19.80	19.10
Noon.	12.45	3 95	4.90	1.80	2.25	10'90	24.00	35.60
1 P.M.	5.95	2.40	0.95	0.50	0.55	17'15	29.65	59.75
2 „	6.15	1.40	0.50	0.15	0.45	14'40	37.30	76.65
3 „	11.65	0.50	0.40	0.20	0.90	12'10	40.35	83.50
4 „	11.30	0.25	0.10	0.00	0.60	9'90	38.50	84.85
5 „	12.75	0.15	0.25	0.05	0.45	16'00	31.10	78.45
6 „	15.05	0.25	0.30	0.00	1.20	11'50	26.85	72.35
7 „	19.10	0.15	0.20	0.00	1.70	13'35	26.90	63.80
8 „	22.40	0.25	0.35	0.00	1.15	12'50	21.85	49.10
9 „	19.95	0.45	1.15	0.10	0.90	15'75	21.10	36.10
10 „	16.60	0.60	3.40	0.40	2.55	13'00	16.50	27.85
11 „	12.60	3.90	0.40	1.50	2.05	15'30	20.05	27.80

TABLE XXVII.—*Showing, for the Year* 1864, *the number of times on which the Wind was observed to blow at each hour of the day from each of the Eight Principal Directions with a recorded force greater than* 0·1 *lb. on the square foot.*

Bombay Civil Time.	N.	NE.	E.	SE.	S.	SW.	W.	NW.
Midnight.	51.5	13.5	6.0	4.0	9.5	32.5	55.5	72.0
1 A.M.	47.0	13.0	6.0	4.5	7.5	31.5	51.0	56.0
2 „	60.5	25.0	10.5	4.5	13.0	26.0	49.0	52.5
3 „	62.0	30.0	12.5	5.0	13.5	29.5	43.5	48.0
4 „	67.0	35.5	13.0	6.0	14.0	26.5	46.0	44.0
5 „	64.5	49 5	19.0	8.0	17.0	29.5	46.0	44.5
6 „	70.5	57.5	31.0	8.0	17.0	30.0	41.5	44.0
7 „	68.5	64.0	32.5	13.0	16.0	27.0	42.0	36.0
8 „	56.0	67.5	48 5	16.0	18.0	26.5	39.0	32.0
9 „	43.0	66.5	43.5	17.5	17.0	25.5	41.5	33.5
10 „	43.0	56.5	47.5	16.5	17.0	26.5	40.5	37.5
11 „	38.5	40.0	40.0	13.0	14.5	27.0	55.5	56.0
Noon.	40.5	26.0	28.0	8.0	8.0	32.5	64.0	92.5
1 P.M.	15.5	11.5	8.0	3.0	3.5	44.0	81.0	127.5
2 „	11.5	6.0	5.0	0.5	2.0	37.5	96.5	139.0
3 „	17.0	2.0	2.0	0.5	3 5	32.0	97.5	145.5
4 „	16.5	1.5	1.0	0.0	2.5	29.0	95.5	154.0
5 „	21.5	1.5	1.5	0.5	1.5	36.0	77.5	166.0
6 „	29.0	1.5	1.0	0.0	4.0	31.0	76.5	161.0
7 „	40.0	0.5	1.0	0.0	5 0	30.5	71.5	148.5
8 „	50.0	1.5	1.5	0.0	3.5	34.5	63.0	128.0
9 „	60.5	1.5	2.5	0.5	4.0	36.5	58.5	106.0
10 „	56.5	3.0	2.0	2.0	7.5	35.0	52.5	92.0
11 „	54.0	11.5	1.5	3.5	9.0	35.5	51.5	79.5

TABLE XXVIII.—*Mean Estimated Force of Wind, without regard to the direction from which it blew, for each Day of Bombay Civil Time: also the Mean Monthly Force and its Variation from the Mean of the Year.*

Date, 1864.	MONTHS, 1864.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1		0.26	0.15	0.50		0.32	0.40	0.38	0.15	0.23	0.13	0.15
2	0.26	.20	.20	.63	0.41	.25	.40	.35	.16		.18	.16
3		.24	.39		.33	.25		.31	.19	.17	.09	.09
4	.26	.17	.35	.56	.31	.60	.35	.42		.13	.16	
5	.57	.29	.63	.43	.44		.51	.60	.17	.13	.15	.15
6	.53	.17		.32	.47	.30	.43	.49	.17	.11		.17
7	.75		.16	.28	.51	.47	.43		.20	.15	.10	.17
8	.61	.14	.21	.28		.25	.53	.45	.14	.24	.11	.28
9	.56	.18	.32	.35	.32	.40	.23	.53	.18		.39	.15
10		.15	.30		.32	.41		.47	.22	.23	.19	.21
11	.23	.17	.23	.48	.34	.35	.25	.55		.20	.15	
12	.17	.25	.17	.63	.34		.97	.67	.16	.18	.20	.18
13	.29	.23		.50	.37	.32	1.19	.70	.14	.20		.23
14	.45		.23	.32	.50	.41	1.01		.18	.20	.17	.17
15	.58	.21	.49	.63		.25	0.48	.38	.18	.14	.15	.17
16	.43	.30	.31	.25	.20	.32	.45	.59	.22		.12	.11
17		.39	.38		.23	.31			.15	.13	.19	.18
18	.47	.28	.24	.63	.45	.38	.93	.26	.15	.17	.08	
19	.28	.29	.20	.61	.41		.89	.22		.12	.25	.15
20	.18	.18		.58	.30	.60	.70	.24	.17	.08		.10
21	.24		.33	.57	.43	.28	1.22		.21	.15	.25	.14
22	.53	.18	.26	.65		.30	1.25	.11	.14	.12	.10	.16
23	.58	.25		.73	.33	.42	0.90	.15	.21		.13	.12
24		.78	.49			.35		.25	.21	.21	.14	.18
25	.25	.38		.47	.21	.27	.73	.31		.34	.11	
26	.27	.15	.28	.26	.17		.61	.22	.32	.55	.22	
27	.28	.26		.31	.20	.52	.39	.11	.18	.30	.12	.14
28	.37	.69	.21	.65	.18	.33	.36	.14	.19	.14		.19
29	.32		.27	.55	.28	.37	.28		.18	.11	.15	.14
30	.27		.62	.40		.59	.25	.17	.19		.34	.14
31			.58		.29			.19				.16
Monthly Means.	0.39	0,27	0.32	0.48	0.33	0.37	0.62	0.36	0.18	0.19	0.17	0.16
Annual Variation.	+0.07	-005	0.00	+0.16	+0.01	+ 0.05	+ 0.30	+ 0.04	- 0.14	- 0.13	- 0.15	- 0.16

	lbs.
The Mean Force for the Year	0.32
The Greatest Monthly Mean (that of July)	0.62
The Least Monthly Mean (that of December)	0.16
Difference	0.46

TABLE XXIX.—*The Mean Diurnal Variation of the Estimated Force of Wind for each Month, and for the whole Year; or the Excess of the Mean Hourly Force above the respective Monthly and Annual Means.*

Bombay Civil Time.	MONTHS, 1864.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Midnight.	-0.08	-0.18	-0.12	0.05	0.01	-0.07	-0.05	0.02	-0.04	-0.12	-0.09	-0.05	-0.06
1 A.M.	- .21	- .08	- .14	- .06	- .05	.00	.51	.03	- .03	- .08	- .10	- .10	- .02
2 „	- .17	.01	- .15	- .15	- .04	.00	.11	.06	- .07	.07	- .11	- .07	- .05
3 „	- .13	- .02	- .22	- .18	- .06	.02	.08	.03	- .07	- .09	- .07	- .03	- .06
4 „	- .11	- .01	- .21	- .28	- .12	- .02	.08	.03	- .04	- .06	- .08	.02	- .07
5 „	- .08	- .09	- .20	- .28	- .19	- .07	.10	.03	.04	- .03	.02	.06	- .06
6 „	- .05	- .12	- .19	- .28	- .21	- .07	- .08	- .04	.02	- .03	.05	.03	- .08
7 „	- .07	- .10	- .14	- .25	- .18	- .11	- .10	- .05	- .01	- .01	.02	.00	- .08
8 „	- .06	- .06	- .13	- .19	- .19	- .17	- .02	.01	.02	- .02	.03	- .01	- .07
9 „	- .07	- .04	- .13	- .23	- .11	- .11	- .04	- .03	.00	- .14	.06	.01	- .07
10 „	- .07	- .09	- .12	- .22	- .04	- .14	- .05	- .01	.00	- .15	.03	- .02	- .07
11 „	- .08	- .13	- 0.7	- .14	.05	- .12	- .11	- .01	.02	- .09	- .01	- .04	- .06
Noon.	.02	- .09	.04	- .04	.11	- .11	- .02	- .04	.05	- .10	.01	- .05	- .01
1 P.M.	.07	.10	.22	.14	.09	.06	- .09	.02	.05	.14	- .09	- .01	+.08
2 „	.07	.19	.26	.49	.19	.14	- .02	- .01	.05	.17	- .05	.04	+.13
3 „	.15	.23	.26	.54	.25	.26	.00	.03	.07	.23	- .02	.12	+.18
4 „	.13	.27	.28	.47	.20	.23	- .02	- .01	.00	.23	- .05	.13	+.16
5 „	.17	.17	.26	.29	.13	.27	.08	- .01	.07	.20	.04	.06	+.14
6 „	.20	.13	.23	.20	.11	.03	- .11	- .01	.02	.17	.11	.01	+.09
7 „	.21	.15	.18	.14	.09	.05	.03	- .01	.04	.09	.09	.06	+.09
8 „	.11	.07	.18	.05	.04	.00	- .08	- .07	.00	.02	.08	.03	+.04
9 „	.05	- .05	.21	- .01	.01	- .08	- .01	.00	- .05	- .09	.02	- .02	- .01
10 „	- .01	- .13	- .04	- .02	- .03	.01	- .05	- .05	- .05	- .15	.08	- .06	- .04
11 „	- .09	- .18	- .10	.01	- .01	- .04	.08	.00	- .05	- .15	- .04	- .07	- .05

The Mean Force of the Wind for the hours from midnight to 11 A.M. .. 0·26

Ditto from noon to 11 P.M. ..... 0·39

The Mean Force for 24 hours..... 0·32

In the Mean Diurnal Variation for the Year—

A Maximum occurs at 3 P.M. and

A Minimum between 6 & 7 A.M.

DIRECTION OF WIND.

TABLE XXX.—*The following is a list of Abnormal Days, or those on which the Wind veered to an excessive extent, in* 1864.

Date, 1864.	Initial Direction.	Final Direction.	Direction and Extent of Rotation.	Interval of Time between Initial and Final Directions.
			°	
February 4	ENE	N	+293	6 hours.
5	N	NW	+315	8 „
9	ENE	ENE	+360	13 „
11	E	NNW	+247	8 „
14	E	NW	+225	1 „
19	NW	NW	+360	12 „
21	E	NW	+225	
23	NW	NW	+360	7 hours.
26	N b W	NW	+326	9 „
27	NW b N	WNW	+326	11 „
March 2	NW b N	S	- 146	A few minutes.
4	E b E	WSW	- 169	
7	E	SW	+135	A few minutes.
8	S b W	N	+529	12 hours.
19	SSE	NW b W	+147	A few minutes.
20	WNW	ENE	+180	6 hours.
22	W b S	NW	+426	11 „
24	NE b N	NNW	- 417	2 „
26	ENE	SW b W	- 191	2 „
28	W	ESE	- 158	1 „
28	SE	W	+135	A few minutes.
April. 6	N	W	+270	7 hours.
7	NW	NW	+360	12 „
16	E	WNW	- 158	
17	E b S	W b N	- 180	1 hour.
24	NNW	S b W	- 146	
May. 1	NW	NW	+360	10 hours.
8	E	WSW	- 203	1⅓ hour.
10	NE b E	SSW	- 214	A few minutes.
11	NW	NW	+360	8 hours.
17	W b N	WSW	+327	12 „
June 7	SW	W	+405	12 hours.
8				
9				
11	W	SE	+585	7½ hours.
12	ESE	NNW	+225	½ hour.
14	W	WSW	+337	½ „
15	SE	SE	- 360	3 hours.
21	S	E	+630	3½ hours.
25	W b S	NNW	+438	5 hours.
26	NW b W	N	+765	10 „
August 28	N b W	NW	+326	12 „
29	SE b E	W	+146	15 minutes.
30	E	N	+270	1 hour.
Sept. 20	NW	WNW	+337	2½ hours.
20	WNW	E b S	- 169	1 hour.
22	W	W	+360	12 hours
23	E b N	NW	+214	1 hour.
29	NE b E	SW	+169	2 hours.
October 1	SE	W	+135	1 hour.
1	NW b N	SE b S	- 158	½ „
2	E b S	W b N	- 180	1 „
20	N	N	+360	14 hours.
22	NW b W	NW	+371	14½ „
23	SW	W	+405	7½ „
28	N	NW	+315	9 „
Nov. 3	NE b N	SSW	- 191	15 minutes.
5	SE	NW	+180	
9	SSE	N b E	- 506	A few minutes.
19	E	NW b W	+214	A few minutes.
Dec. 6	E	W	- 180	A few minutes
24	E b S	W b S	+180	1½ hour.

TABLE XXXI.—*Showing the Excess of the Direct Circular Motion of the Wind over the Retrograde Motion during the Year* 1864.

Months, 1864.	Excess of the Direct over the Retrograde Motion.		
	Rev.	deg.	
January	−0	22	The positive sign indicates that the aggregate rotation in the direction N, E, S, W, N, (or direct) was in excess of the aggregate rotation in the direction N, W, S, E, N, (or retrograde); and the excess is expressed in revolutions and degrees.
February	+8	0	
March	+1	349	
April	+2	23	
May	+2	304	
June	+7	338	
July	−0	11	
August	+4	45	
September	+2	225	
October	+4	203	
November	+3	68	
December	−0	34	
Excess of the whole Year	+37	48	

TABLE XXXII.—*The following record shows the Days on which the Wind blew with a force exceeding* 1 *lb. on the square foot in the Year* 1864.

Months, 1864.	Days of Month.	Number of Days.	General		Maximum Pressure.
			Direction.	Pressure.	
				lbs.	lbs.
January	5, 7, 8, 9, 14, 18, 22, 23.	8	NW	1 to 2	
February	17, 24, 25, 28	4	,,	,,	
March	3, 4, 5, 15, 17, 24, 30, 31.	8	,,	,,	
April	1, 2, 4, 12, 13, 15, 18, 19, 20, 21, 22, 23, 28.	13	,,	,,	3
May	11, 13, 14, 18, 21.	5	W & WNW	1	
June	4, 7, 8, 20, 22, 27.	6	NW	1 to 2	
July	2, 8.	2	WNW	,,	
	12, 13, 14.	3	W & WSW	2 to 3	6¼
	18, 19, 20.	3	WSW & WNW	2	
	21, 22, 23.	3	W	2	5½
August	5, 11, 12, 13, 16.	5	SW	1	
October	26, 27.	2	NW	1	2
December	8, 10.	2	NE & NW	1	
Year....		64			6¼

TABLE XXXIII.—*Showing the Number of Days of the occurrence of each of the Phenomena which come under the head "Weather" during the Year* 1864.

Months, 1864.	Number of days in each month.							
	Entirely Cloudless.	Almost Cloudless.	Lightning.	Thunder.	Fall of Rain less than ·01 inch.	Fall of Rain more than ·01 inch.	Wind veered excessively.	Force of Wind above 1 lb.
January	8	4	None.	None.	None.	None.	None.	8
February	4	2	None.	None.	None.	None.	10	4
March	None.	5	3	None.	None.	None.	10	8
April	None.	None.	7	None.	None.	None.	5	13
May	None.	None.	10	None.	2	1	5	5
June	None.	None.	16	8	6	19	10	6
July	None.	None.	None.	None.	2	28	None.	11
August	None.	None.	1	None.	5	26	3	5
September	None.	None.	2	None.	2	18	4	None.
October	None.	None.	2	None.	1	None.	6	2
November	None.	1	8	1	8	4	4	None.
December	3	2	None.	None.	None.	None.	2	2
Sums.....	15	14	49	9	26	96	59	64
Difference of 1864 above the average of last 11 years	− 7	− 12	+12	− 6	+3 above the mean of 7 years.	+8	+3 above the mean of 3 years.	− 42

Synopsis of the Prevailing Clouds and Formation of Dew, and occasional notices of the State of Weather for the Year 1864.

Months, 1864.	Prevailing Clouds and their motions.	Deposition of Dew.	Occasional notices of the state of weather.
January.....	Cirri and cirro-cumuli; whose motion towards the end of the month was NE or E.	Frequently observed.	Weather rather cold.
February, 1st half.	Cirri.	Noticed in first half of month.	Weather was slowly getting warmer, but cold breezes often blew in the evening.
2nd half.....	Cirro-cumuli, dense cirri and nimbi, generally moving E, but from 15th to 22nd S.E.		
March, 1st half	On 7th, 8th and 9th cirro-cumuli and cumuli, from which lightning proceeded, in NE. and E. horizon.	Throughout the month.	
2nd half.....	Cirri; cirro-cumuli.		
April	Cirri, cirro-cumuli: also near the close of the month cumuli; sometimes with lightning in the afternoon.	In early part of month.	
May.....	Cirro-cumuli and light nimbi generally moving SE or E; cirri, cumuli and cumulo-strati, with lightning, sometimes observed after sunset.		
June	Nimbi; during the early part of the month cirri, cumuli and other varieties of clouds were seen at times in the morning and evening.	.....	From 7th to 20th weather unsettled, the sky towards NE. and E. often assuming a threatening appearance in the evening, occasionally accompanied by lightning, thunder, rain and fresh wind; rain generally very light. On the morning of the 20th the regular S.W. monsoon seems to have set in, as from that date to the 28th the fall of rain was incessant and the wind settled in S.W.
July.....	Dense nimbi and cirro-cumuli, generally moving SE or E.		
August	Nimbi moving E; cirri and cirro-cumuli were sometimes observed.		
September ..	Cirri, cirro-cumuli and nimbi; whose motion was towards E but at the close of the month towards SE.	Noticed at times during the latter half of the month.	Lightning was observed on 29th and 30th.
October	Cirri, cirro-cumuli and at times nimbi; their motion was sometimes landward and sometimes seaward.	Generally throughout the month.	Lightning was observed on 1st and 3rd.
November ..	Cirro-cumuli; cirri, nimbi and other varieties of clouds occasionally.	Noticed at times, particularly about the middle of the month.	The weather was generally unsettled: lightning was observed occasionally; slight rain fell several times; and a thunderstorm with strong wind passed over the Observatory on the 9th at 9½ p.m.
December ..	Cirri and cirro-cumuli, whose motion was NW or N.	Generally throughout the month.	

TABLE XXXIV.—*Showing the Mean Hourly, Monthly, and Annual Values of Meteorological Elements, as deduced from the Results of the last Eighteen Years' Observations* (1847—1864 *inclusive*).

Bombay Civil Time.	Standard Barometer No. 58 corrected for Temperature.	Temperature of the Air.	Temperature of Ground one inch below the surface.	Temperature of Ground nine inches below the surface.	Temperature of Evaporation.	Temperature of Dew-point (calculated).	Pressure of Vapour.	Relative Humidity of the Air.	Estimated Force of Wind	Extent of Cloudy Sky.	Total Fall of Rain.
	in.	°	*°	°*	°	°	in.		lbs.		in.
Midnight.	29.809	77·3	78.2	81.1	73.5	71·9	0.772	0.84	0.17	3.4	2.62
1 A.M.	.794	77·0	78.0	81.1	73.3	71·7	.767	.84	.17	3.4	3.13
2 „	.784	76·7	77.7	81.0	73.1	71·5	.764	.85	.18	3.5	3.32
3 „	.776	76·4	77.4	80.9	72.8	71·2	.756	.85	.18	3.4	2.96
4 „	.778	76·1	77.1	80.8	72.7	71·2	.756	.86	.17	3.4	3.70
5 „	.787	75·8	76.8	80.8	72·5	71·1	.752	.86	.17	3.7	3.31
6 „	.806	75·7	76.7	80.7	72.2	70.6	.741	.86	.15	4·0	3.16
7 „	.829	76·3	77.2	80.6	73·0	71.6	.765	.86	.15	4·0	3.37
8 „	.850	79·2	78.2	80.6	73·9	71.6	.766	.79	.16	3·9	3.37
9 „	.860	81·2	79.3	80.7	74.6	71.8	.770	.74	.17	3·8	3.55
10 „	.860	82·8	80.3	80.8	75·1	72.0	.772	.71	.17	3.6	3.20
11 „	.847	84·0	81.2	80.9	75.6	72.1	.779	.68	.19	3.5	2.96
Noon.	.825	85.0	82.0	81.0	75.8	72.0	.775	.66	.22	3.4	2.65
1 P.M.	·800	85·5	82.6	81.1	76.2	72.5	.786	.66	.30	3.5	2.57
2 „	.778	85·6	82.9	81.2	76.4	72.7	.792	.67	.36	3.4	2.42
3 „	.764	85·1	83.0	81.3	76.4	72.9	.797	.68	.41	3.4	2.91
4 „	.759	84.3	82.7	81.4	76.2	73.0	.799	.69	.39	3.5	2.51
5 „	.765	82·6	81.8	81.5	75·8	73·0	.801	.74	.37	3.6	2.20
6 „	.777	80·8	80.8	81.4	75·2	72·9	.798	.78	.36	3.7	2.69
7 „	.794	79·8	80.2	81.4	74·9	72·9	.797	.80	.36	3.4	2.69
8 „	·811	79·3	79.7	81.4	74.7	72.8	.795	.81	.31	3.1	2·76
9 „	.824	78·6	79.3	81.3	74.3	72.5	.788	.82	.23	3.1	2.49
10 „	.827	78.0	78.9	81.3	73·9	72.1	.779	.83	.18	3.2	3.06
11 „	.820	77.6	78.5	81.2	73·6	71.8	.773	.83	.17	3.2	2.54
January	29.932	73.8	73.0	75.5	67.3	63·9	0.594	0.73	0.23	1.3	0.05
February	.904	75.8	75.4	76.8	68.8	65.2	.622	.71	.22	1.1	0·00
March	.856	79.6	78.0	79.0	72.8	69.8	·721	.72	.26	1·4	0.00
April	.793	83.0	81.9	82.5	76.4	73.8	.821	.75	.30	1.9	0.07
May	.748	85.5	84.4	85.0	78.8	76.3	.890	.75	.29	3.2	0.74
June	.648	83.4	83.3	84.3	79.2	77.7	.930	.85	.43	6.4	22.57
July	.644	81.3	81.5	83.2	78.4	77.3	.919	.88	.49	7.2	23.59
August	.714	80.4	80.4	82.0	77.3	76.1	.885	.87	.43	7.0	10.85
September	.769	80.4	80.5	81.9	76.8	75.4	.864	.86	.20	5.9	9.79
October	.829	81.7	81.5	82.7	76.8	74.9	.850	.81	.18	3.3	1.94
November	.894	79.4	79.0	80.8	72.3	69.1	.705	.72	.16	1.9	0.52
December	.933	76.0	76.3	78.6	68.9	65.3	.623	.71	.19	1.3	0.07
Year....	29.805	80.0	79.6	81.1	74.4	72.0	.736	0.78	0.28	3.5	70.17

* These Means are derived from only five years' Observations.

PLATE I.

CURVES SHOWING THE MEAN DIURNAL VARIATION OF METEOROLOGICAL ELEMENTS, 1864.

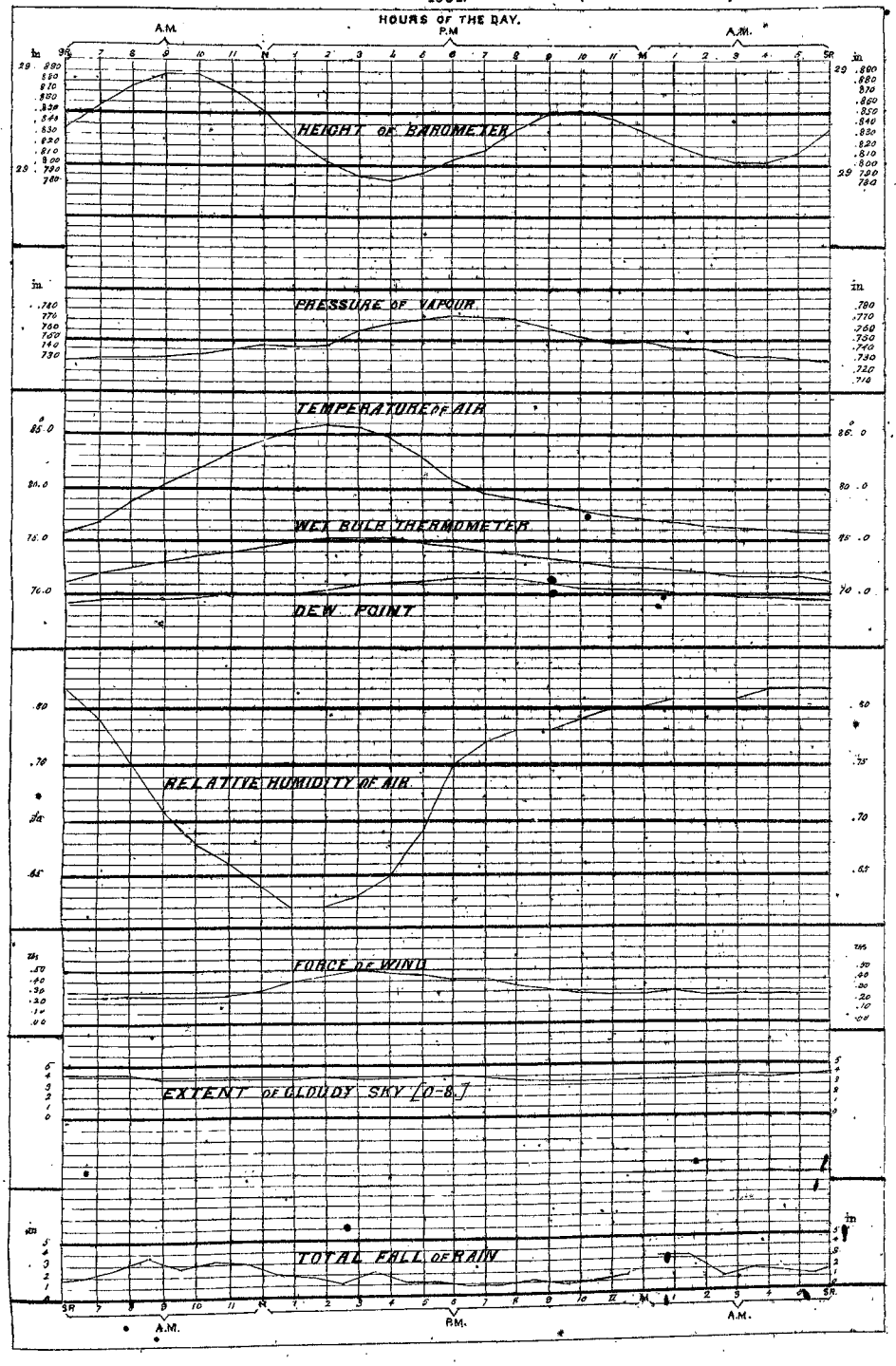


PLATE II.

CURVES SHOWING THE MEAN ANNUAL VARIATION OF METEOROLOGICAL ELEMENTS.
1864.

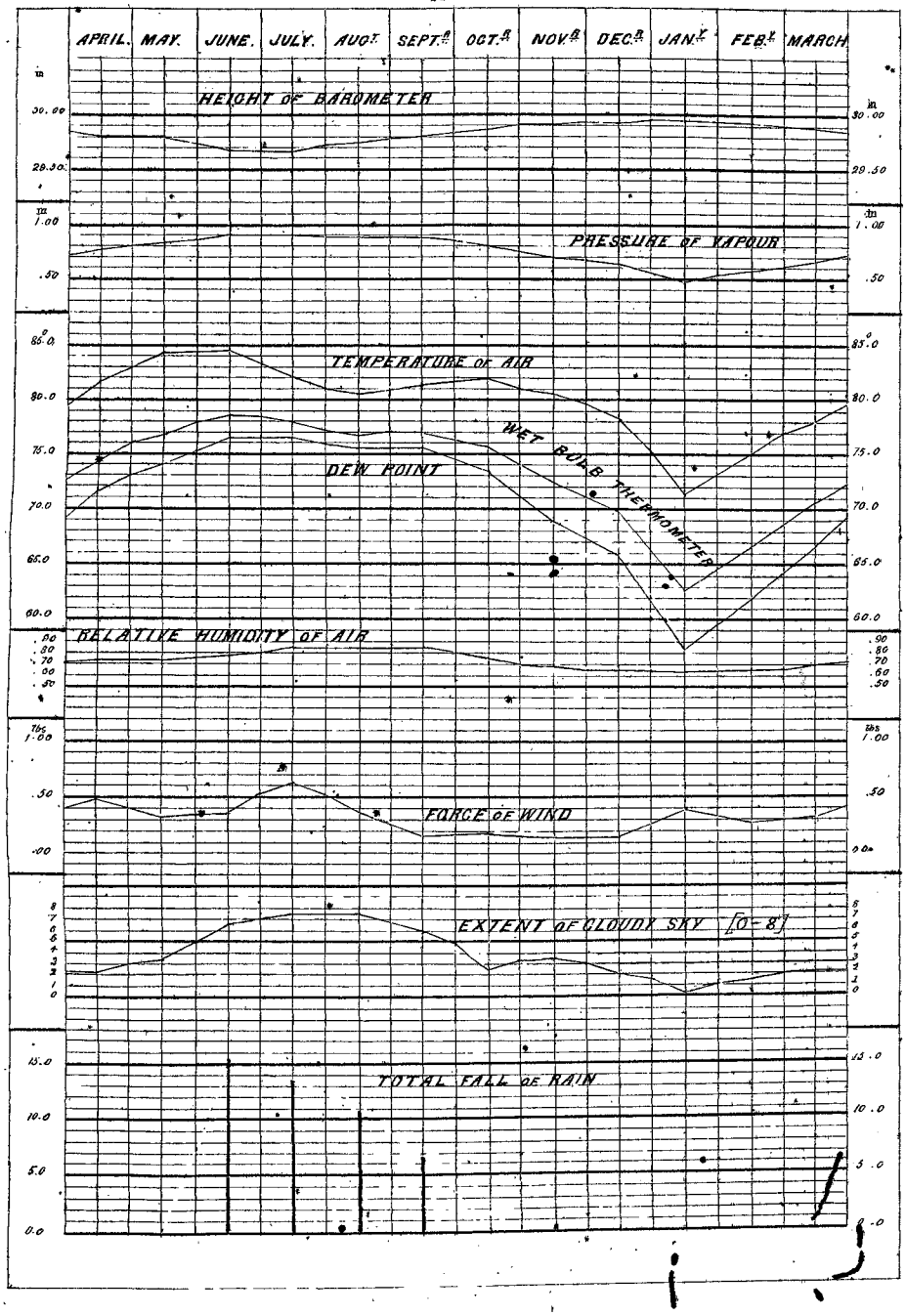
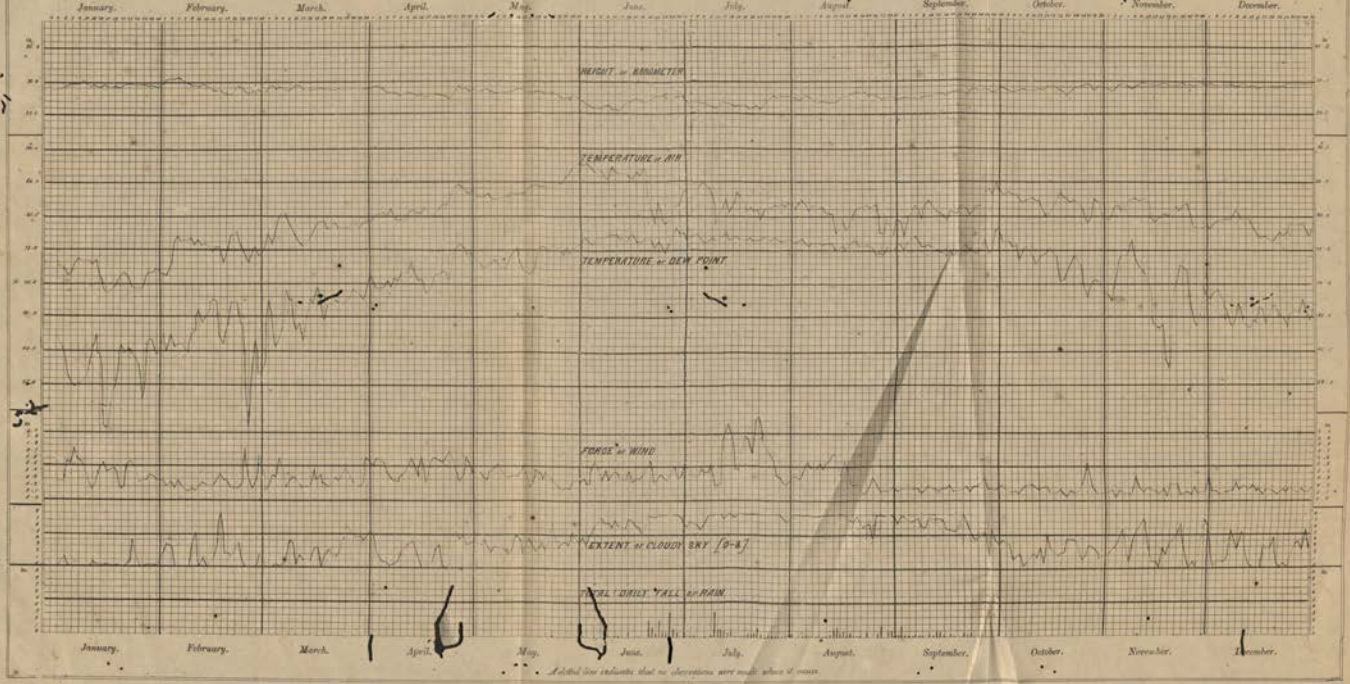


PLATE III.

CURVES EXHIBITING THE DAILY MEAN VALUES OF METEOROLOGICAL ELEMENTS DURING THE YEAR 1864



A dotted line indicates that no observations were made about it occurs.

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